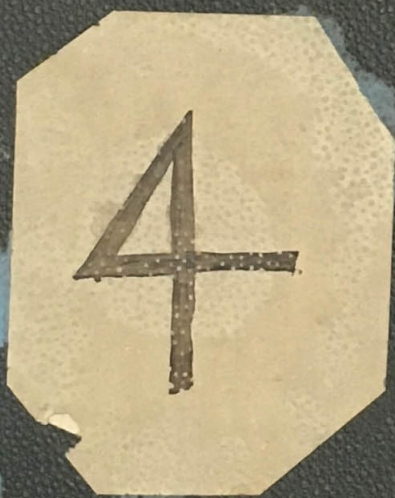


RG 104 - Entry 23

Box 2 Vol 4 1915 - January 3, 1934

1906 - 1940

Copies of Letters and Reports sent to the
Superintendent of the Denver Mint by the
Melter & Refiner's Department



FORM L-11

MANN'S PARCHMENT COPYING PAPER.

(Trade-Mark Registered In U. S. Patent Office.)

This Parchment Paper is **MUCH STRONGER** and shows a **CLEARER COPY** than any other ever made for the purpose. The ink is **LESS LIABLE TO SPREAD** and the paper can be written upon with a pen.

DIRECTIONS FOR COPYING.

Place a piece of blotting-board under the leaf of Copying Paper; then, with brush, wet the leaf. Take off surplus water with another sheet of blotting-paper; then place the written letter on the leaf, (leaving the blotting-paper under the leaf, to take up any excess of water that may yet remain;) place it in the press, and, in ten or fifteen seconds, a perfect copy will be secured.

The leaves **WILL DRY AS SMOOTH AS SILK**, if the book is placed in the press after Copying.

22 Place oil-sheets between copies just made to prevent blending or setting off.

Another Process when many letters are to be copied

Procure a tin or iron box, with lid, to hold 20 blotting-pads.—(Boxes furnished, if desired.)

Dip half the lot of blotters in water; let them drain off a few moments; then place a dry blotter between each wet one; give them a few moments squeeze in Press and they will remain wet for three days; then take an oil-sheet; place it to the left; then lay a wet blotter; then turn leaf of Copying over on blotter; then lay your letter on; then another oil-sheet, and so on; and you can copy all your letters at one time; thereby saving time. With a little care and experience, at first, as to wetting, you will be so well pleased, as never to resume the old way.

To copy **TYPE-WRITTEN LETTERS**, the leaves require **MORE MOISTURE** than they do to Copy Letters written with **PEN AND INK**.

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, December, 1915.

Melt Bars	Before Melting				After Melting				Fine ounces	
	Weight	Fineness		Weight	Fineness		Gold	Silver	Gain	Loss
		Gold	Silver		Gold	Silver				
51	5698.03	.8934	.0975	5090.738	555.37	5697.00	.8934	.0980	5089.899	558.30
2	5946.63	.8997	.0988	5290.530	575.57	5945.06	.8999	.0990	5290.508	586.56
3	5750.80	.8843	.1021	5085.423	581.18	5743.48	.8847	.1020	5085.680	586.34
4	5837.53	.8858	.1045	5170.920	610.29	5835.79	.8859	.1075	5169.928	627.34
6	5856.18	.8894	.1034	5208.528	605.72	5854.99	.8893	.1050	5208.599	614.77
7	5870.14	.8894	.1028	5214.734	603.71	5868.78	.8884	.1035	5213.824	607.41
8	5809.32	.8866	.1029	5150.579	597.67	5808.41	.8866	.1060	5149.736	615.89
62	5832.40	.8921	.1005	5144.511	586.15	5831.60	.8824	.1015	5146.803	591.90
3	5855.45	.8831	.1057	5170.887	618.93	5854.43	.8833	.1045	5171.218	611.78
	52459.68			46526.850	5334.59	52444.54			46524.993	5402.09
Melting loss, Gold										
" gain, Silver										
Month's recoveries										
Total melting loss, Gold										
" gain, Silver										
Specials, Nos. 50, 55, 59, 60, 61										

SILVER ANODES

289	6	4951.96	.3769	5060	1865.859	2604.68	4950.98	.3771	5270	1867.014	2609.16	1.155		4.48	
3	6	4947.75	.3779	5250	1869.694	2597.39	4945.80	.3782	5270	1870.501	2606.45	.807		9.04	
4	6	4956.61	.3770	5237	1869.684	2596.69	4955.74	.3777	5260	1871.782	2606.71	2.148		10.02	
5	6	4949.95	.3771	5225	1866.529	2586.49	4948.07	.3774	5240	1867.401	2592.78	.862		6.29	
6	6	4956.60	.3767	5229	1867.162	2592.06	4955.52	.3772	5270	1868.487	2610.50	1.305		18.44	
7	6	4961.02	.3764	5224	1867.480	2591.44	4958.27	.3767	5230	1867.780	2593.17	.300		1.73	
8	6	4955.46	.3771	5237	1868.584	2595.55	4952.92	.3771	5245	1867.746	2597.80		.828	2.45	
9	6	4978.97	.3829	5306	1906.397	2641.51	4977.18	.3835	5220	1907.753	2647.85	1.356		6.34	
90	12	4996.50	.3738	5270	1867.800	2632.92	4995.43	.3741	5290	1868.909	2642.60	1.009		9.88	
1	9	4975.85	.3842	5402	1910.900	2697.05	4972.28	.3845	5420	1910.847	2694.97		.053	7.92	
2	4	4974.11	.3897	5311	1923.563	2641.30	4972.69	.3888	5310	1935.381	2640.49		.182		
3	11	4904.24	.3805	5366	1865.828	2631.75	4902.05	.3810	5375	1867.673	2634.84	1.845		3.11	
4	7	4920.08	.3782	5513	1867.357	2722.47	4934.46	.3785	5535	1866.032	2731.22	.356		8.75	
5	6	4912.88	.3795	5542	1864.473	2624.25	4909.32	.3801	5360	1866.032	2631.32	1.584		7.14	
6	5	4926.68	.3792	5292	1868.425	2607.29	4925.68	.3794	5310	1867.615	2623.39	1.515		8.21	
7	6	4961.55	.3761	5268	1866.100	2625.79	4959.15	.3786	5290	1867.615	2620.34	2.244		7.97	
8	6	4964.59	.3764	5268	1866.720	2612.37	4962.77	.3770	5280	1870.994	2620.34	2.244		1.51	
9	6	4949.87	.3762	5421	1864.839	2668.38	4948.65	.3769	5455	1865.221	2669.69	.275		17.99	
500	6	4940.25	.3772	5427	1865.650	2631.09	4938.86	.3774	5465	1865.925	2669.08	.190		23.73	
1	6	4948.46	.3780	5245	1870.754	2595.69	4948.97	.3782	5295	1870.944	2619.42	1.064		2.18	
2	6	4958.34	.3773	5242	1872.311	2602.20	4956.02	.3780	5255	1875.375	2604.38	2.875		5.64	
3	7	4964.97	.3772	5282	1872.732	2622.46	4965.37	.3779	5295	1875.657	2619.19	2.682		10.21	
4	7	4965.07	.3774	5257	1872.919	2608.98	4960.60	.3781	5280	1875.602	2772.81	1.839		8.31	
5	64	4972.85	.3755	5573	1867.272	2770.50	4971.04	.3760	5590	1867.465	2610.59	.519		9.14	
6	7	4948.15	.3772	5256	1866.946	2601.45	4948.23	.3777	5280	1874.408	2617.64	1.728		14.77	
7	5	4949.58	.3784	5259	1872.682	2602.87	4947.38	.3782	5290	1872.030	2581.92		.206	8.41	
8	6	4919.22	.3808	5231	1872.226	2573.21	4917.38	.3809	5250	1872.030	2581.92		.535	10.99	
9	6	4963.37	.3829	5396	1869.933	2635.16	4962.21	.3829	5420	1869.298	2646.15			5.45	
510	7	4918.34	.3806	5256	1871.677	2585.25	4915.91	.3810	5270	1872.961	2590.68	1.284		5.39	
1	7	4908.77	.3820	5212	1873.325	2558.24	4906.47	.3820	5225	1874.271	2563.65		1.054	8.90	
2	7	4934.12	.3753	5289	1870.645	2626.23	4931.31	.3757	5280	1871.478	2630.13	.835		7.46	
3	6	4943.89	.3797	5242	1873.383	2591.68	4936.44	.3804	5235	1877.821	2584.22	1.428		10.02	
4	6	4953.78	.3780	5214	1873.490	2583.04	4951.04	.3784	5210	1873.473	2579.40	.928		6.29	
5	6	4957.55	.3787	5324	1877.487	2659.30	4955.03	.3791	5325	1878.451	2638.55	.994		18.44	
6	7	4947.64	.3776	5252	1868.271	2647.98	4946.36	.3780	5350	1869.784	2646.30	1.452		7.8	
7	7	4965.68	.3781	5283	1877.307	2625.00	4962.36	.3783	5285	1877.829	2625.13	.532		1.87	

End. 271185.94 102902.512 144245.33 271993.96 102945.064 144550.94 50.116 7.865 344.12 29.56

Rwd. 272155.94 102902.815 144.245.35 271993.96 102945.064 144536.94 50.116 7.865 544.17 52.56

518	6	4875.53	.3826	5255	1865.493	2561.96	4874.11	.3829	5235	1866.296	2551.59	.803				
9	7	4859.48	.3837	5152	1864.392	2503.82	4857.30	.3840	5130	1865.205	2491.79	.811				10.37
8	6	4864.25	.3753	5209	1863.050	2635.63	4860.42	.3760	5210	1865.117	2633.98	2.067				12.04
320	10	4859.34	.3842	5107	1866.881	2481.62	4857.25	.3848	5110	1869.069	2482.05	2.188				1.66
1	10	4849.12	.3786	5328	1873.260	2637.09	4846.21	.3791	5340	1875.373	2641.64	2.113				
2	8	4927.85	.3793	5327	1869.155	2575.51	4925.98	.3802	5355	1872.857	2588.60	3.702				
3	4	4934.11	.3801	5335	1875.529	2632.49	4931.27	.3806	5330	1876.841	2628.36	1.312				4.15
4	7	4861.85	.3831	5218	1870.172	2547.58	4860.25	.3836	5260	1872.102	2567.06	1.930				
5	10	4954.73	.3788	5377	1867.191	2663.94	4953.17	.3771	5405	1867.240	2677.18	.649				
6	7	4965.93	.3786	5331	1870.397	2647.49	4964.22	.3768	5340	1870.518	2650.89	.121				
7	7	4946.74	.3773	5436	1866.517	2698.86	4945.05	.3775	5435	1865.767	2687.63	.750				1.25
8	6	4943.28	.3776	5432	1866.336	2665.02	4940.03	.3776	5430	1865.374	2682.46	.932				2.56
9	6	531188.13		125321.186	175506.37	531030.07			125377.421	175820.17	65.812	9.577	398.36	84.56		

Melting gains
Month's recoveries
Total gains

9.577	84.56
53.335	513.30
5.623	6.89
61.928	320.69

Respectfully submitted, January 14, 1916.

Supt. M. & R. Dept.

Seawind

4

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Bullion held by Superintendent of the Melting and Refining Department,
U. S. Mint, Denver, at the close of business, January 31, 1916.

<u>Gold Bullion</u>	Fine ounces
Refined	19,688.811
Unrefined	<u>1,457,420.000</u>
Total	1,477,108.811

<u>Silver Bullion</u>	
Refined	1,816,884.16
Unrefined	<u>702,664.68</u>
Total	2,519,548.84

<u>Minor Coinage Metal</u>	Troy ozs.
Copper	1,246,011.32
Nickel	128,445.88
Tin	16,327.53
Zinc	23,853.93
Ingots (Bronze)	<u>29,782.20</u>
Total	1,442,423.86

Respectfully,

Joseph W. Wilson
Superintendent M. & R. Dept.

February 1, 1916.

5

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Absence, Conduct, and Workmanship Account, January, 1916.

	Time	Conduct	Workmanship
Arnold, R.J.	---	100	98
Borstadt, G.	---	100	99
Bush, W.M.	---	100	98
Crary, J.H.	---	100	99
Dardis, W.N.	1 day leave	100	98
"	2 days without pay		
French, H.W.	---	100	96
Gray, G.B.	---	100	98
Hetrich, J.M.	---	100	100
Hume, F.N.	---	100	98
Ligon, A.	---	100	98
Lindhard, J.A.	---	100	98
Lundin, A.H.	---	100	99
Milson, J.W.	3 $\frac{1}{2}$ hrs. lv.		
Perry, R.J.	---	100	99
Presnell, J.H.	---	100	98
Russell, N.A.	---	100	98
Schell, E.P.	1 hr. lv.	100	97
Spencer, G.N.	1 day leave	100	98
"	2 days sick		
St. John, F.	1 $\frac{1}{2}$ hrs. leave	100	100
Stoddard, X.T.	---	100	99
Whitaker, S.R.	---	100	98
Whitehead, H.R.	---	100	100
Willian, W.R.	---	100	98

January 6

362.70

1830.84

64.30

2257.34

997.41

933.537

104,670.66 8,514.371 75,342.02

185,930.95 142,571.257 23,932.86

121,724.78 12,304.809 28,729.77

413,313.70 164,374.474 196,064.59

170,389.84 170,298.371

197,651.60 197,651.57

368,041.44 170,298.371 197,651.57

9,671.76

651

Mint fine Silver
Gross 71,827.82
F. ozs. 71,794.49

James Wilson

January 6.

181.34
497.53
21.12
699.99

73,272.55

73,224.10

99.9

34,858.80 637,641.70

34,771.80 636,279.40

99.7 99.8

48.45 87.00 1362.30

22½

Divide costs between denominations as follows:

Bronze 85½%
Silver 8
Nickel 6½

John W. Milson

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, January, 1916.

Before Melting				After Melting				Fine ounces					
Melt Bars		Weight		Fineness		Gold		Silver		Gain		Loss	
66	8	6132.85	.9405	5767.774	328.16	6131.42	.9411	.0535	5770.279	328.03	2.505	.13	
7	8	6123.74	.9226	5649.524	431.32	6122.84	.9236	.0690	5649.024	422.48	.500	8.84	
		12256.59		11417.298	759.48	12254.36			11419.303	750.51	2.505	8.97	
											.500		
											2.005	8.97	
SILVER ANODES													
				Melting Gain, Gold				Month's recoveries included with Silver Anodes					
				Loss, Silver									
350	90	4945.18	.3670	5340	1815.005	4943.47	.3673	.5405	1815.736	2671.94	.731	31.42	
1	5	4978.51	.3780	5399	1881.982	4976.23	.3783	.5395	1882.507	2684.67	.625	2.99	
2	6	4956.74	.3792	5233	1879.761	4954.34	.3796	.5225	1880.667	2588.64	.906	5.16	
3	6	4909.60	.3825	5191	1877.784	4907.25	.3824	.5185	1876.532	2544.40	1.252	4.84	
4	6	4912.55	.3834	5305	1883.609	4909.47	.3838	.5315	1884.254	2609.38	.645	3.48	
5	6	4954.80	.3786	5254	1876.046	4952.23	.3787	.5260	1875.409	2604.87	.637	1.56	
6	6	4964.86	.3786	5259	1879.166	4963.64	.3787	.5260	1879.730	2610.87	.584	.52	
7	6	4950.29	.3790	5357	1876.044	4948.66	.3791	.5330	1876.037	2652.48	.470	2.32	
8	7	4968.20	.3785	5287	1880.590	4965.84	.3788	.5285	1881.060	2624.44	.007	4.84	
9	56	4963.43	.3871	5170	1921.556	4961.73	.3870	.5165	1920.189	2562.73	1.367	.30	
340	8	4955.33	.3825	5235	1895.453	4953.06	.3827	.5260	1895.536	2605.30	.083	2.32	
1	5	4977.32	.3781	5252	1861.699	4973.69	.3789	.5290	1884.531	2631.08	2.832	2.92	
2	5	4924.53	.3800	5238	1871.534	4920.37	.3806	.5270	1872.692	2593.03	1.158	10.07	
3	5	4930.05	.3765	5251	1867.675	4958.30	.3770	.5285	1869.279	2620.46	1.674	16.82	
4	7	4915.70	.3781	5264	1873.874	4953.96	.3782	.5275	1873.587	2613.21	.267	13.68	
5	6	4911.02	.3782	5232	1876.193	4959.26	.3787	.5245	1874.926	2601.13	1.878	4.83	
6	6	4911.70	.3783	5248	1874.615	4953.57	.3785	.5250	1874.926	2600.82	.311	5.76	
7	7	4961.52	.3781	5262	1876.595	4960.88	.3783	.5290	1879.181	2624.30	2.586	.30	
8	9	4909.39	.3825	5273	1877.653	4907.85	.3826	.5300	1877.743	2601.16	.090	2.41	
9	7	4964.53	.3792	5253	1882.370	4961.92	.3796	.5260	1883.544	2609.93	1.174	18.35	
350	7	4909.58	.3829	5219	1879.667	4907.89	.3830	.5210	1879.721	2557.01	.054	2.06	
1	8	4893.40	.3842	5083	1880.172	4892.12	.3846	.5085	1881.509	2487.64	1.337	8.06	
2	7	5517.15	.3785	5202	2038.196	5513.77	.3794	.5200	2036.410	2867.16	1.786	1.97	
3	7	5521.72	.3778	5238	2035.905	5519.67	.3779	.5255	2035.833	2900.59	.082	2.79	
4	7	5576.84	.3736	5270	2033.180	5574.55	.3738	.5270	2033.763	2937.73	.586	1.97	
5	6	5574.69	.3731	5399	2079.769	5573.64	.3735	.5395	2081.754	3006.97	1.955	2.79	
6	6	5550.65	.3743	5336	2077.272	5548.23	.3748	.5330	2079.476	2957.20	2.204	1.73	
7	7	5562.95	.3736	5477	2078.320	5561.16	.3738	.5470	2078.781	3041.95	.441	.95	
8	6	5565.30	.3740	5448	2081.547	5563.23	.3746	.5450	2083.985	3031.96	2.438	.17	
9	8	5564.80	.3738	5417	2080.312	5562.90	.3746	.5430	2083.862	3020.65	3.550	6.31	

153268.33 57963.444 80971.16 153202.86 57986.338 81063.57 28.352 5.358 134.98 48.32

7	5505.50	.3795	.5368	2089.337	2955.35	5504.44	.3799	.5385	2091.136	2984.14	1.799		8.79	
7	5590.57	.3744	.5244	2092.009	2951.35	5587.71	.3745	.5275	2092.597	2947.51			16.18	
7	5704.05	.3683	.5345	2100.300	3048.85	5700.82	.3685	.5350	2100.752	3049.92	.452		1.08	
7	5561.43	.3764	.5225	2089.299	2900.39	5548.13	.3766	.5240	2090.535	2907.92	1.236		6.85	
6	5554.35	.3771	.5246	2094.286	2969.26	5551.70	.3773	.5245	2096.321	2967.38	2.035			1.88
7	5569.34	.3770	.5239	2093.956	2990.67	5567.81	.3770	.5238	2099.064	2998.26			7.59	
7	5552.80	.3771	.5230	2093.758	2937.02	5551.04	.3776	.5290	2096.072	2936.50	2.314			.52
7	5553.04	.3773	.5132	2095.214	2877.40	5550.93	.3778	.5200	2097.152	2886.49	1.939		9.09	
6	5529.46	.3780	.5568	2089.966	3078.88	5525.10	.3779	.5570	2087.935	3077.48				1.40
7	5549.62	.3776	.5211	2095.336	2891.22	5545.75	.3777	.5210	2094.629	2889.33				1.89
7	5569.45	.3767	.5605	2098.200	3121.87	5563.51	.3770	.5635	2097.445	3135.03			13.16	
7	5570.78	.3761	.5387	2094.990	3000.70	5568.60	.3763	.5370	2095.464	2990.33	.474		10.37	
7	5587.92	.3720	.5399	2115.411	3070.50	5586.45	.3720	.5420	2115.399	3082.05				
7	5568.10	.3764	.5264	2133.572	2983.37	5563.48	.3769	.5300	2134.565	3001.64	.923		11.55	
7	5568.33	.3767	.5287	2135.328	2998.75	5563.48	.3776	.5305	2138.530	3004.47	3.202		17.77	
7	5560.21	.3767	.5229	2132.249	2959.80	5565.26	.3774	.5245	2134.295	2966.18	2.046		7.72	
7	5573.12	.3774	.5265	2141.256	2987.12	5567.48	.3783	.5255	2144.007	2984.26	2.751		6.38	
7	5570.80	.3770	.5262	2138.078	2984.31	5568.16	.3775	.5265	2139.730	2984.28	1.652			8.86
7	5559.05	.3773	.5241	2136.766	2965.96	5556.77	.3776	.5250	2135.996	2969.80				.05
7	5562.35	.3764	.5264	2139.093	2991.37	5567.64	.3766	.5270	2138.952	2992.17	.770		3.84	
7	5590.25	.3762	.5263	2140.429	2995.02	5587.08	.3762	.5290	2139.479	3008.46	.141		1.80	
7	5558.83	.3784	.5513	2141.352	3119.71	5551.69	.3789	.5500	2141.425	3108.42	.950		13.43	
7	5716.00	.3756	.5239	2143.565	2994.39	5713.77	.3753	.5245	2144.377	2996.87	.073			11.29
7	5681.09	.3758	.5262	2154.931	2989.58	5675.60	.3758	.5310	2132.890	3013.74	.812			
7	5712.25	.3758	.5249	2146.487	2998.35	5707.95	.3761	.5280	2146.759	3013.79				
7	5307.15	.3822	.5154	2143.234	2890.06	5303.90	.3827	.5200	2144.612	2914.02	.272		2.48	
7	5682.75	.3764	.5114	2139.180	2906.11	5679.72	.3770	.5135	2141.254	2916.53	1.378		15.44	
7	5679.85	.3763	.5276	2137.385	2996.94	5678.15	.3764	.5310	2137.255	2916.53	2.074		23.96	
7	5690.93	.3761	.5258	2140.449	2992.08	5688.53	.3762	.5285	2140.024	3006.38			10.42	
7	5667.45	.3770	.5298	2138.765	3002.61	5665.22	.3773	.5300	2137.487	3002.56	.130		18.15	
7	5656.90	.3795	.5250	2147.755	2970.69	5655.73	.3796	.5275	2146.926	2983.41	.425		14.30	
7	5667.23	.3785	.5186	2145.302	2939.20	5665.17	.3787	.5210	2145.399	2951.55	.722			.05
7	5652.45	.3787	.5209	2140.326	2900.64	5650.22	.3789	.5310	2140.868	2938.34				
7	5642.87	.3793	.5207	2140.115	2938.30	5639.81	.3800	.5210	2143.127	2938.34	.197		1.72	
7	5708.25	.3751	.5258	2141.012	3001.59	5705.39	.3753	.5250	2141.232	2995.32	.542		12.35	
7	5690.22	.3759	.5234	2141.378	2981.25	5693.69	.3761	.5240	2141.393	2982.49	.118		.04	
7	5707.10	.3751	.5232	2140.850	2986.16	5704.01	.3753	.5240	2140.714	2988.90	.320		2.24	
7	5702.52	.3755	.5231	2141.397	2982.79	5701.08	.3757	.5230	2141.395	2981.63	.136		2.74	
7	567850.45			138710.464	194299.26	567475.91			138753.991	194611.81	.498			1.13

Res. fully submitted, Feb. 12, 1916.

Melting Gains
Month's recoveries
Total Gains

59.062	15.535	386.14	82.59
15.535		86.59	
43.527		312.55	
8.264		11.30	
82.59			

Supt. M&R Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Bullion held by Superintendent of the Melting and Refining Department,
Mint of the United States, Denver, at the close of business,
February 29, 1916.

	Fine ozs.
<u>Gold Bullion</u>	
Refined	55,933.362
Unrefined	<u>1,378,108.244</u>
Total	1,414,041.606
 <u>Silver Bullion</u>	
Refined	1,908,015.55
Unrefined	<u>707,515.65</u>
Total	2,615,531.00
 <u>Minor Coinage Metal</u>	Troy ozs.
Copper	740,614.92
Nickel	126,445.68
Tin	7,897.04
Zinc	5,687.62
Ingots (Bronze)	<u>33,655.30</u>
Total	914,300.76

Respectfully,

Joel Wilson
Supt. M. & R. Dept.

March 2, 1916.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Absence, Conduct, and Workmanship Account, February, 1916.

	Time	Conduct	Workmanship
Arnold, E.G.		100	98
Borstadt, G.	1 hr. leave	100	99
Bush, W.M.		100	98
Crary, J.H.		100	98
Dardis, W.N.		100	98
French, H.W.		100	96
Gray, G.B.		100	98
Hetrich, J.M.		100	100
Hume, F.N.		100	98
Ligon, A.		100	98
Lindhard, J.A.		100	98
Lundin, A.H.		100	99
Milson, J.W.	1 day 3½ hrs. leave		
Perry, R.J.		100	98
Presnell, J.H.		100	98
Russell, N.A.		100	98
Schell, E.P.		100	97
Spencer, G.N.		100	98
St. John, F.	3½ hrs. leave	100	100
Stoddard, X.T.	2 hrs. "	100	99
Whitaker, S.R.	½ hr. leave	100	98
Whitehead, H.R.		100	100
Willan, W.R.	2 hrs. leave	100	98

February - 6

344.64
1,713.47
66.35
2,124.46

885.65 881.662

78,682.78	1,796.778	74,240.46
170,095.65	125,707.557	24,385.93
90,544.31	8,957.637	74,043.70
340,208.89	137,343.634	172,670.09
161,594.22	161,499.315	
157,996.50		157,899.13
319,590.72	161,499.315	157,899.13

Silver 8,799.90
3,626.74 6.00

606
M.F.Silver, Gross 66,813.92
Fine oz 66,779.89

Costs - By-Products
Labor \$36.00
Supplies 2.00
Total \$38.00

28.00 2,394.00

Jo. W. Milson

February

6

172.32

479.74

31.27

663.33

722,411.50

720,584.20

99.7

1,827.30

None

Journal

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, February, 1916.

[illegible]Melting gains
Recovery with Silver Anodes

SILVER ANODES

398	10	5691.43	3765	5335	2142.967	3036.34	5687.88	3771	5365	2144.899	3051.54	1.932	15.20
399	9	5640.08	3806	5251	2146.466	2961.74	5637.22	3808	5260	2146.653	2965.17	1.187	3.43
400	10	5676.77	3780	5214	2145.908	2959.80	5675.14	3782	5250	2146.337	2979.44	1.529	19.64
	9	5647.57	3800	5210	2146.330	2942.50	5644.78	3802	5215	2146.145	2943.75	.185	1.25
	7	5690.23	3763	5042	2146.310	2868.93	5637.65	3768	5065	2143.106	2880.79	2.089	11.86
	3	5693.98	3758	5010	2139.898	2852.49	5691.23	3762	5020	2141.040	2856.99	1.342	4.50
	4	5689.01	3761	5019	2139.529	2855.01	5686.52	3763	5025	2139.837	2857.47	1.308	2.46
	8	5681.43	3768	5092	2140.567	2892.80	5679.30	3770	5105	2141.093	2899.28	.529	6.48
	5	5691.25	3760	5235	2139.923	2979.63	5689.34	3765	5245	2142.036	2984.05	2.113	4.42
	6	5683.37	3778	5416	2147.331	3078.21	5681.09	3778	5435	2146.315	3087.67	1.016	9.46
	7	5637.57	3811	5178	2148.140	2919.23	5635.13	3811	5205	2147.548	2933.08	.592	13.85
	8	5683.87	3775	5256	2145.417	2937.55	5682.20	3773	5270	2143.894	2994.51	1.523	6.96
	9	5700.64	3763	5304	2144.935	3023.57	5697.02	3765	5300	2144.928	3019.42	.007	
410	11	5693.14	3762	5297	2141.552	3015.40	5691.61	3767	5290	2144.029	3010.86	2.477	
	8	5692.57	3762	5288	2141.548	3010.21	5688.43	3766	5280	2142.262	3003.49	.714	
	7	5682.57	3768	5143	2141.364	2922.63	5680.32	3769	5140	2140.912	2919.68	.472	
	3	5682.57	3768	5143	2141.171	2998.21	5690.29	3764	5260	2141.825	2993.09	.654	
	4	5691.92	3762	5267	2169.590	3170.04	5743.11	3780	5510	2170.895	3164.45	1.305	
	5	5744.58	3776	5519	2157.749	2954.14	5638.24	3826	5230	2157.190	2948.79	.559	
	6	5641.78	3825	5236	2157.749	2954.14	5638.24	3826	5230	2157.190	2948.79	.042	
	7	5665.27	3792	5278	2148.117	2990.04	5661.77	3794	5275	2148.075	2986.58	.098	12.37
	8	5671.64	3789	5320	2148.897	3017.26	5668.16	3791	5345	2148.799	3029.63		
	9	5656.65	3795	5308	2146.675	3002.38	5652.75	3800	5325	2148.933	3010.07	1.358	7.69
	9	5690.55	3771	5277	2146.101	3003.01	5689.05	3776	5290	2148.185	3009.50	2.084	6.49
420	7	5689.51	3772	5250	2145.726	2983.48	5686.34	3773	5270	2145.456	2996.70	.270	10.22
1	7	5689.51	3772	5250	2145.726	2983.48	5686.34	3773	5270	2145.456	2996.70	4.764	136.28
Fwd.	136526.38				51496.638	71427.60	136264.54			51509.495	71526.00	17.621	37.88

Pwd.	136326.38	51496.638	71427.60	136264.54	51509.495	71526.00	17.621	4.764	136.28	57.83					
422	7	5691.31	5770	5287	2145.744	5008.79	5687.15	5772	5295	2145.192	3011.34	.856	.552	2.55	1.56
3	6	5693.40	5770	5292	2146.260	5012.78	5692.25	5772	5290	2147.116	3011.20	.856	.552	2.55	1.56
4	9	5642.12	5798	5281	2144.015	2981.12	5642.14	5798	5290	2144.015	2995.97	.856	.552	2.55	1.56
5	7	5712.10	5755	5280	2144.743	3176.02	5707.31	5759	5280	2145.577	3184.67	.634	.002	14.85	8.65
6	6	5668.28	5791	5305	2148.866	3006.87	5665.57	5794	5325	2149.517	3016.91	.651	.084	10.04	4.06
7	8	5689.49	5778	5467	2149.707	3110.30	5688.34	5779	5475	2149.623	3114.36	.651	.084	10.04	4.06
8	5	5709.87	5765	5577	2149.930	3184.21	5708.41	5766	5590	2149.787	3191.00	.346	.143	6.79	6.79
9	7	5691.81	5771	5249	2146.223	2987.55	5689.29	5773	5250	2146.569	2986.87	.346	.143	6.79	6.79
430	7	5693.41	5770	5273	2146.158	3002.28	5691.52	5768	5270	2144.564	2999.43	.077	.570	2.34	2.34
1	8	5695.43	5771	5283	2147.515	3009.09	5693.21	5770	5300	2146.340	3017.40	.077	.570	2.34	2.34
2	7	5691.35	5772	5289	2146.495	3010.14	5689.30	5773	5295	2146.572	3012.48	.077	.570	2.34	2.34
3	6	5689.92	5771	5236	2145.927	2979.45	5694.23	5768	5245	2145.357	2976.82	.052	.570	2.34	2.34
4	7	5697.92	5765	5445	2145.533	3102.29	5690.09	5773	5605	2146.870	3038.29	.052	.570	2.34	2.34
5	5	5693.75	5771	5604	2146.987	3042.96	5685.68	5768	5560	2146.159	2875.45	.132	.571	3.71	3.71
6	6	5670.57	5786	5363	2146.732	2871.74	5688.33	5780	5055	2150.188	2895.47	.132	.571	3.71	3.71
7	7	5691.92	5770	5045	2145.817	2887.04	5688.56	5770	5090	2144.587	2889.38	.132	.571	3.71	3.71
8	7	5691.78	5768	5072	2147.627	2882.89	5687.76	5774	5080	2146.560	2885.49	.132	.571	3.71	3.71
9	7	5690.90	5774	5020	2146.837	2855.67	5688.34	5777	5020	2148.448	2850.37	.132	.571	3.71	3.71
440	7	5689.04	5774	5020	2146.837	2855.67	5688.34	5777	5020	2148.448	2850.37	.132	.571	3.71	3.71
1	9	5723.77	5781	5668	2152.926	3244.20	5722.49	5762	5680	2152.800	3250.37	.382	.439	6.17	6.17
2	5	5622.30	5806	5515	2140.037	3100.95	5672.13	5783	5515	2140.419	3097.08	.382	.439	6.17	6.17
3	6	5674.70	5782	5534	2146.205	3210.77	5648.78	5792	5255	2142.017	2968.43	.312	.439	6.17	6.17
4	8	5651.05	5790	5218	2141.705	2948.93	5682.63	5779	5010	2147.465	2846.99	.312	.439	6.17	6.17
5	7	5684.78	5774	5013	2145.369	2850.00	5682.00	5784	5065	2150.068	2877.93	.312	.439	6.17	6.17
6	7	5684.17	5776	5054	2146.483	2872.79	5689.45	5774	5015	2147.812	2856.16	.312	.439	6.17	6.17
7	7	5691.51	5769	5010	2145.348	2851.31	5689.57	5775	5020	2147.812	2856.16	.312	.439	6.17	6.17
8	7	5691.23	5772	5009	2146.426	2850.76	5689.45	5774	5015	2147.198	2853.25	.312	.439	6.17	6.17
9	6	5712.08	5766	5570	2099.551	3181.05	5708.97	5768	5570	2099.759	3179.89	.312	.439	6.17	6.17
451*	7	5636.54	5809	5265	2146.935	2987.39	5634.31	5812	5280	2147.798	2974.91	.312	.439	6.17	6.17
2	6	5669.26	5786	5404	2146.655	3063.56	5666.67	5791	5405	2148.234	3062.85	.312	.439	6.17	6.17
3	7	5667.16	5786	5184	2145.669	2938.12	5664.80	5793	5195	2146.658	2942.86	.312	.439	6.17	6.17
4	8	5633.69	5808	5392	2145.040	3037.84	5631.31	5811	5385	2146.092	3032.46	.312	.439	6.17	6.17

218165.99 120130.553 167946.98 318011.43 120162.005 168136.83 42.658 11.206 262.92 73.07

* No. 450 Special

Respectfully submitted, March 7th, 1916.

Melting Gains

March 13 Recoveries

31.452 11.586 189.85 15.25

John Williams

Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion held by the Superintendent of Melting and Refining Department,
at the close of business March 31, 1916.

Fine ounces

Gold Bullion

Refined	40,527.823
Unrefined	<u>1,295,546.462</u>
Total	1,336,074.285

Silver Bullion

Refined	2,013,826.03
Unrefined	<u>713,941.65</u>
Total	2,727,767.68

Troy ounces

Minor Coinage Metal

Copper	179,473.48
Nickel	126,445.88
Zinc	33,285.12
Tin	24,061.61
Ingots on hand (Bronze)	<u>18,572.30</u>
Total	<u>381,838.39</u>

Respectfully,

John W. Miller
Superintendent M. & R. Dept.

March 6.

356.83
1,901.50
27.94
2,286.27

385.00 382.397

78,044.73	353.512	77,246.94
204,858.37	156,129.787	26,274.31
86,078.96	12,824.901	64,793.86
369,367.06	169,690.597	168,315.11
168,437.14	168,360.274	
182,723.80		182,623.22
351,160.94	168,360.274	182,623.22

10,208.85

612

Mint Fine Silver used:
Gross ozs. 76,851.49
Fine " 76,812.54

John Wilson

March

6

178.41

523.11

11.48

713.00

796,527.30

794,415.50

99.7

2,111.80

None

Wm. Wilson

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, March, 1916

Melt Bars	Weight	Before Melting				After Melting				Fine ounces			
		Fineness		Gold		Fineness		Gold		Gold		Silver	
		Gold	Silver	Weight	Gold	Gold	Silver	Weight	Gold	Gain	Loss	Gain	Loss
71	7	8213.47	.9341	.0522	5804.168	367.67	367.67	6212.82	.9344	.0535	5805.129	363.44	4.23
72	6	5958.24	.9173	.0632	5465.340	376.76	376.76	5955.84	.9177	.0640	5465.674	381.17	4.41
73	7	5944.49	.8649	.1005	5260.057	597.43	597.43	5942.52	.8654	.0995	5261.507	591.28	0.18
74	6	5925.00	.9236	.0598	5531.597	354.43	354.43	5924.32	.9341	.0585	5533.907	346.57	7.89
75	6	6070.35	.9343	.0597	5673.619	362.12	362.12	6069.66	.9348	.0620	5673.918	376.51	14.19
76	12	6123.60	.9493	.0447	5812.863	273.60	273.60	6121.26	.9493	.0450	5810.912	275.45	1.85
77	6	5930.00	.9228	.0637	5515.900	376.28	376.28	5928.28	.9293	.0630	5519.443	374.11	4.17
78	6	42172.15			39063.544	2710.35	2710.35	42164.56			39069.489	2703.35	20.45
													20.45
													20.45

* Specials, Nos. 75, 78

Melting Gain, Gold
" Loss, Silver

SILVER ANODES		Before Melting				After Melting				Fine ounces			
		Fineness		Gold		Fineness		Gold		Gold		Silver	
		Gold	Silver	Weight	Gold	Gold	Silver	Weight	Gold	Gain	Loss	Gain	Loss
75	7	5590.59	.3776	.5245	2146.608	2983.34	2983.34	5586.30	.3778	.5240	2147.002	2980.86	2.68
76	6	5586.65	.3775	.5291	2146.565	3009.40	3009.40	5584.24	.3776	.5290	2146.369	3006.96	2.44
77	7	5687.93	.3773	.5281	2145.246	3004.04	3004.04	5686.25	.3774	.5280	2145.990	3002.34	1.70
78	6	5900.52	.3773	.5258	2147.232	2992.16	2992.16	5888.96	.3777	.5260	2148.720	2992.39	.23
79	7	5672.60	.3783	.5234	2148.097	2968.93	2968.93	5670.49	.3791	.5225	2149.692	2962.83	0.10
490	5	5347.93	.3793	.5579	2144.918	3150.51	3150.51	5346.21	.3803	.5530	2147.853	3156.23	
1	3	5670.45	.3777	.5449	2141.859	3090.01	3090.01	5668.00	.3781	.5455	2143.070	3091.89	
2	6	5623.56	.3763	.5606	2155.232	3152.55	3152.55	5621.41	.3833	.5620	2154.898	3159.23	
3	7	5592.73	.3769	.5103	2145.356	2905.12	2905.12	5589.76	.3769	.5120	2143.901	2913.15	
4	7	5595.93	.3769	.5069	2147.035	2887.25	2887.25	5591.13	.3771	.5075	2146.133	2888.26	
5	6	5523.50	.3772	.5106	2147.429	2907.15	2907.15	5521.30	.3774	.5115	2148.085	2911.35	
6	7	5685.18	.3776	.5078	2147.870	2886.57	2886.57	5687.23	.3777	.5070	2148.036	2883.42	
7	57	5715.00	.3794	.5637	2168.082	3221.54	3221.54	5713.37	.3796	.5660	2168.795	3233.76	5.15
8	10	5329.45	.3819	.5319	2150.097	2994.41	2994.41	5327.68	.3819	.5335	2148.210	2992.32	
9	9	5703.33	.3757	.5191	2142.794	2950.62	2950.62	5699.80	.3756	.5240	2148.018	2952.74	
670	6	5628.07	.3816	.5171	2148.293	2910.60	2910.60	5623.23	.3817	.5120	2149.314	2921.07	
1	7	5670.19	.3795	.5231	2151.692	2956.15	2956.15	5668.46	.3798	.5250	2152.831	2975.94	
2	6	5636.80	.3776	.5335	2147.557	3034.07	3034.07	5634.20	.3778	.5340	2146.353	3035.36	
3	6	5896.75	.3789	.5352	2147.340	3049.00	3049.00	5895.59	.3773	.5365	2148.942	3055.67	
4	7	5839.44	.3778	.5246	2149.063	2984.43	2984.43	5834.31	.3785	.5265	2151.511	2992.72	
5	7	5932.05	.3775	.5284	2140.942	2993.81	2993.81	5934.29	.3776	.5305	2146.373	3015.42	
Pwd.					45117.146	63053.36	63167.88	45123.260					13.77
						119.133.64							

Respectfully submitted, April 7th, 1910. *W. M. & R. Dept.*

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Absence, Conduct, and Workmanship Account, March, 1916.

	Time	Conduct	Workmanship
Arnold, R.G.	---	100	98
Borstadt, G.	---	100	99
Bush, W.M.	---	100	92-96
Crary, J.H.	1 day sick	100	98
Dardis, W.W.	---	100	96
French, H.W.	---	100	96-97
Gray, G.B.	---	100	100
Hetrich, J.M.	2 days sick	100	98
Hume, F.N.	---	100	98
Ligon, A.	---	100	95-98
Lindhard, J.A.	---	100	99
Lundin, A.H.	2 hours leave	100	98
Milson, J.W.	---	100	98
Perry, R.J.	11½ hours leave	100	98
Presnell, J.H.	2 " "	100	97
Russell, N.A.	1 " " ; 1 day sick	100	93
Schell, E.P.	1 " "	100	100
Spencer, G.N.	4 " "	100	99
St. John, F.	1 day	100	94
Stoddard, X.T.	---	100	100
Whitaker, S.R.	6½ hours leave	100	94-95
Whitehead, H.R.	1 day, 1 hour leave	100	94-95
Willan, W.R.	---	---	---

Sum

April

Ryan 99

95 90

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Bullion held by the Superintendent of Melting and Refining Department,
at the close of business April 29th, 1916.

	Fine ounces
<u>Gold Bullion</u>	
Refined	62,488.808
Unrefined	<u>1,274,725.515</u>
Total	1,337,214.321

<u>Silver Bullion</u>	
Refined	2,162,204.61
Unrefined	<u>686,265.76</u>
Total	2,848,470.37

	Troy ounces
<u>Minor Obsolete Metal</u>	
Copper	1,078,535.29
Nickel	126,445.68
Zinc	16,388.17
Tin	12,788.65
Ingot on Hand (Bronze)	<u>33,325.90</u>
Total	1,267,458.89

Respectfully,

Joel Wilson
Supt. M. & R. Dept.

April 6.

357.36
1,814.75
23.72

2,195.83

1,523.25	952.412	369.30
171,831.20	141,510.499	23,806.22
182,131.57	15,393.095	142,229.82
355,286.02	157,856.006	166,405.34
155,071.85	155,002.993	
159,310.65		159,203.80
314,382.50	155,002.993	159,203.80

594 Gold 10,153.45
1,786.286 5.50

Costs--ByProducts:
Labor \$38.50
Supplies 2.30
 \$40.80

30.60 3060.00

John Wilson

April

6.

178.68

491.20

6.98

676.86

737,049.10

734,542.20

99.6

2,506.90

None

Forwilmington

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Absence, Conduct, and Workmanship Account, April, 1916.

	Time	Conduct	Workmanship
Arnold, R.G.	---	100	98
Borstadt, G.	2 hrs. leave	100	99
Bush, W.M.	---	100	98
Cravy, J.H.	---	100	98
Dardis, W.N.	---	100	98
French, H.W.	---	100	96
Gray, G.B.	---	100	97
Hetrich, J.M.	---	100	100
Hume, F.N.	---	100	98
Ligon, A.	---	100	98
Lindhard, J.A.	2 hrs. leave	100	98
Lundin, A.H.	---	100	99
Milsom, J.W.	---		
Perry, R.J.	1 day leave	100	98
Presnell, J.H.	---	100	98
Russell, N.A.	---	100	98
Ryan, P.	---	100	99
Schell, E.P.	1 day leave	100	97
St. John, F.	3 days 1 hr. leave	100	100
Stoddard, X.T.	4 hrs. leave	100	95
Whitaker, S.R.	1 day leave	100	90
Whitehead, H.R.	---	100	100
Willan, W.R.	---	100	95

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, April, 1916.

[illegible]

SILVER ANODES

510	8	5700.90	.3772	.5484	2150.251	3126.38	5699.22	.3776	.5490	2152.025	3128.87	1.774	3.49
1	8	5686.88	.3783	.5297	2151.238	3012.40	5685.95	.3784	.5305	2151.563	3016.39	.275	3.99
2	8	5686.32	.3781	.5442	2149.833	3094.27	5684.23	.3787	.5480	2152.617	3114.95	2.784	20.68
3	8	5654.85	.3796	.5379	2146.789	3041.43	5651.95	.3799	.5410	2147.175	3057.70	.386	16.27
4	11	5670.76	.3795	.5325	2151.941	3019.48	5667.80	.3797	.5370	2152.063	3043.60	.122	24.12
5	8	5674.37	.3789	.5261	2149.887	2985.19	5672.38	.3789	.5325	2149.264	3020.54	.623	35.35
6	7	5679.25	.3787	.5488	2150.958	3116.83	5677.32	.3789	.5515	2151.136	3131.04	.178	14.21
7	8	5667.70	.3791	.5759	2148.901	3264.07	5666.58	.3792	.5765	2148.767	3266.78	.134	2.71
8	8	5706.02	.3773	.5126	2153.091	2924.63	5701.55	.3777	.5150	2153.475	2936.29	.384	11.66
9	8	5691.66	.3770	.5133	2149.535	2921.79	5689.39	.3779	.5150	2150.020	2930.03	.485	8.24
520	8	5669.49	.3800	.5168	2154.433	2930.08	5661.03	.3806	.5180	2154.588	2932.41	.155	2.33
1	6	5629.28	.3818	.5172	2149.224	2911.68	5623.54	.3819	.5230	2147.629	2941.11	1.595	29.43
2	8	5681.56	.3778	.5346	2146.248	3037.24	5680.25	.3781	.5385	2147.702	3058.81	1.454	21.57
3	8	5687.47	.3782	.5319	2150.959	3024.90	5686.21	.3787	.5340	2153.367	3036.43	2.408	11.53
4	8	5683.18	.3784	.5235	2150.333	2975.32	5682.12	.3791	.5265	2154.091	2991.63	3.758	16.31
5	7	5686.20	.3778	.5335	2148.491	3033.55	5684.70	.3782	.5355	2149.953	3044.15	1.462	10.60
6	7	5702.76	.3774	.5467	2152.384	3117.92	5700.24	.3777	.5480	2152.980	3123.73	.596	5.81
7	6	5684.26	.3786	.5196	2151.794	2953.64	5682.88	.3790	.5245	2153.811	2980.67	2.017	27.03
8	7	5682.42	.3788	.5297	2152.402	3009.86	5681.41	.3791	.5365	2153.822	3048.07	1.420	38.21
9	6	5682.50	.3783	.5181	2149.696	2944.26	5680.52	.3787	.5180	2151.212	2942.50	1.516	
Fwd.	113607.83	43008.438	60444.92	113559.27	43027.260	60745.70	21.174	2.352	302.54	1.76			

Fwd.	113607.83	43008.438	60444.92	113559.27	43027.260	60745.70	21.174	2.352	302.54	1.76								
530	7	5616.71	.3824	.5234	2148.029	2939.67	5615.19	.3827	.5270	2148.935	2959.20	.904	2.658	19.44	4.97	16.57	1.96	
1	76	5732.95	.3756	.5496	2153.332	3151.05	5730.97	.3762	.5520	2155.990	3163.49	2.658	3.886	13.09	7.73	2.70	3.33	
2	9	5685.07	.3780	.5380	2149.103	3058.54	5683.71	.3788	.5390	2152.989	3063.51	3.886	.082	7.08	6.15	7.83	9.52	
3	6	5663.55	.3795	.5219	2149.049	2955.75	5661.57	.3796	.5250	2149.131	2972.32	.082	.325	2.82	2.70	2.70	3.33	
4	7	5687.71	.3788	.5267	2154.581	2995.51	5685.77	.3790	.5265	2154.906	2993.55	.325	.622	13.09	7.73	2.70	3.33	
5	7	5654.08	.3801	.5161	2149.232	2918.01	5653.05	.3803	.5185	2149.854	2931.10	.622	.284	7.08	6.15	7.83	9.52	
6	7	5669.82	.3785	.5251	2146.213	2976.92	5668.86	.3790	.5265	2148.497	2984.65	2.84	1.763	2.70	2.70	3.33	3.33	
7	6	5698.02	.3775	.5274	2151.110	3005.28	5696.94	.3779	.5280	2152.873	3007.98	1.763	.697	7.08	6.15	7.83	9.52	
8	7	5640.01	.3808	.5373	2147.569	3030.40	5637.01	.3811	.5370	2148.264	3027.07	.697	.74	7.08	6.15	7.83	9.52	
9	7	5692.30	.3782	.5239	2152.954	2982.25	5688.56	.3786	.5255	2153.688	2989.33	.74	.61	7.08	6.15	7.83	9.52	
540	7	5634.15	.3819	.5247	2151.550	2956.04	5631.54	.3821	.5260	2151.811	2962.19	.61	.224	7.08	6.15	7.83	9.52	
1	7	5643.48	.3809	.5180	2149.772	2923.11	5641.86	.3810	.5195	2149.548	2930.94	1.487	.099	7.08	6.15	7.83	9.52	
2	6	5668.04	.3791	.5232	2148.107	2964.22	5664.28	.3795	.5250	2149.594	2973.74	.099	.678	7.08	6.15	7.83	9.52	
3	7	5674.24	.3787	.5251	2149.116	2979.60	5670.23	.3790	.5285	2149.017	2996.71	.678	.322	7.08	6.15	7.83	9.52	
4	6	5675.07	.3783	.5202	2146.760	2952.42	5673.55	.3785	.5210	2147.438	2955.91	.322	.907	7.08	6.15	7.83	9.52	
5	6	5676.45	.3787	.5234	2149.818	2970.86	5674.69	.3789	.5240	2150.140	2973.45	.907	.342	7.08	6.15	7.83	9.52	
6	6	5664.57	.3795	.5206	2149.478	2949.08	5663.69	.3797	.5250	2150.503	2973.45	.342	.907	7.08	6.15	7.83	9.52	
7	6	5681.74	.3780	.5307	2147.842	3015.04	5678.52	.3783	.5330	2148.184	3027.65	.907	.342	7.08	6.15	7.83	9.52	
8	7	5685.32	.3777	.5035	2147.346	2862.59	5683.21	.3780	.5060	2148.253	2875.70	.342	.907	7.08	6.15	7.83	9.52	
9	6	5691.72	.3774	.5108	2147.849	2907.22	5688.25	.3779	.5130	2149.589	2916.87	.907	.342	7.08	6.15	7.83	9.52	
550	7	5671.60	.3792	.5137	2150.402	2913.57	5669.34	.3795	.5145	2151.514	2916.87	1.112	.567	7.08	6.15	7.83	9.52	
1	92	5631.53	.3823	.5041	2152.950	2838.60	5628.64	.3826	.5040	2153.517	2838.83	.567	.329	7.08	6.15	7.83	9.52	
2	6	5696.69	.3830	.5080	2181.536	2894.03	5694.59	.3834	.5100	2183.305	2904.24	.329	.329	7.08	6.15	7.83	9.52	
3	6	5686.55	.3787	.5190	2153.552	2951.35	5685.16	.3793	.5230	2156.381	2973.33	.329	.329	7.08	6.15	7.83	9.52	
4	8	5614.26	.3828	.5047	2148.876	2833.41	5611.68	.3835	.5105	2152.279	2864.76	.329	.329	7.08	6.15	7.83	9.52	
5	6	5652.60	.3806	.5175	2151.232	2924.94	5650.04	.3811	.5245	2153.230	2963.44	.329	.329	7.08	6.15	7.83	9.52	
6	7	5657.48	.3796	.5057	2147.385	2861.16	5655.30	.3801	.5085	2149.579	2875.72	.329	.329	7.08	6.15	7.83	9.52	
7	6	5678.00	.3783	.5095	2148.234	2893.17	5675.76	.3791	.5150	2151.680	2923.01	.329	.329	7.08	6.15	7.83	9.52	
8	7	5688.83	.3780	.5168	2150.106	2939.99	5687.12	.3784	.5235	2152.006	2977.20	.329	.329	7.08	6.15	7.83	9.52	
9	7	5667.68	.3796	.5167	2151.677	2928.70	5666.06	.3798	.5220	2151.969	2957.68	.329	.329	7.08	6.15	7.83	9.52	
560	6	5679.57	.3788	.5127	2151.253	2912.18	5677.72	.3789	.5115	2151.288	2904.15	.329	.329	7.08	6.15	7.83	9.52	
1	7	5626.90	.3821	.5153	2150.046	2899.55	5625.25	.3825	.5225	2151.658	2939.19	.329	.329	7.08	6.15	7.83	9.52	
2	7	5642.10	.3812	.4993	2150.712	2817.29	5640.29	.3816	.5030	2152.334	2837.06	.329	.329	7.08	6.15	7.83	9.52	
3	7	5679.17	.3779	.5193	2146.322	2949.34	5678.17	.3784	.5250	2148.619	2981.03	.329	.329	7.08	6.15	7.83	9.52	
		306313.77			116131.531	160495.76	306195.84			116195.621	161279.28							

Respectfully submitted, May 9, 1916.

Melting gains
Month's recoveries
Total gains

64.090
22.039
86.129

783.52
24.18
807.70

Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion held by the Superintendent of Melting and Refining Department, at the close of business May 31st, 1916.

	Fine ounces
Gold Bullion	
Refined	18,604.393
Unrefined	<u>1,224,957.085</u>
Total	1,243,561.478
Silver Bullion	
Refined	2,253,810.83
Unrefined	<u>657,719.06</u>
Total	2,911,529.89
	Troy ounces
Minor Coinage Metal	
Nickel	356,803.11
Copper	2,237,947.29
Zinc	12,089.57
Tin	9,931.25
Ingots (Nickel)	<u>20,622.10</u>
total	2,637,393.32

Respectfully,

Joe W. Milam
Supt. M. & R. Dept.

June 1, 1916.

May

6

353.18
1,809.50
58.66

2,221.34

1,000.82	994.611	
1,141.69	634.218	321.03
70,205.86	53,639.674	12,802.42
70,530.46	5,820.706	55,681.28
142,878.83	61,089.209	68,804.73
157,556.17	157,503.881	
147,071.40		146,972.67
304,627.57	157,503.881	146,972.67

3,882.15

581

Journalson

Percentage of cost:-

All wages

Furnace, blower, oil, etc.

Supplies

Bronze

27%

24%

\$44.40

Nickel

73%

76%

Balance

May

6

176.59

484.97

55.13

716.69

422,294.90

181,034.10

419,050.50

179,593.90

99.2

99.2

3,244.40

1,440.20

None

J. W. Wilson

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, May, 1916.

Melt Bars Weight	Before Melting				After Melting				Fine ounces				
	Fineness		Fine ounces		Fineness		Fine ounces		Gold		Silver		
	Gold	Silver	Gold	Silver	Gold	Silver	Gold	Silver	Gain	Loss	Gain	Loss	
87	7	6019.26	.9360	.0518	5634.225	311.91	6017.97	.9362	.0550	5634.023	330.98	.658	.202
8	10	6398.70	.9491	.0438	6073.029	280.15	6398.07	.9493	.0435	6073.687	278.31	.658	.202
		13417.96			11707.254	592.06	12416.04			11707.710	609.29	.658	.202
Melting Gains													0.456
													.202
													1.84
													17.23

SILVER ANODES

564	7	5667.39	.3790	.5039	2148.000	2872.79	5664.66	.3795	.5135	2149.738	2908.80	1.738	36.01
5	6	5658.13	.3797	.5226	2148.669	2957.08	5655.37	.3800	.5240	2149.040	2963.41	.371	6.33
6	6	5680.88	.3784	.5251	2149.526	2983.24	5678.27	.3789	.5290	2151.498	3003.80	1.970	20.56
7	7	5675.33	.3790	.5201	2150.972	2951.67	5673.04	.3793	.5245	2151.784	2975.50	.812	23.83
8	7	5668.61	.3793	.5242	2149.848	2971.54	5666.15	.3797	.5260	2151.437	2980.39	1.589	8.85
9	7	5679.08	.3783	.5237	2148.487	2974.10	5676.14	.3791	.5270	2151.824	2991.32	3.337	17.22
570	7	5683.25	.3785	.5112	2150.862	2905.57	5680.30	.3790	.5150	2152.833	2925.35	1.971	19.78
1	7	5663.37	.3799	.5155	2151.561	2919.48	5661.26	.3804	.5195	2153.543	2941.02	1.982	21.54
2	6	5682.81	.3784	.5232	2150.143	2973.06	5679.38	.3788	.5270	2151.349	2993.03	1.206	19.97
3	6	5693.65	.3783	.5243	2153.540	2984.58	5690.78	.3786	.5290	2154.529	3010.42	.989	25.84
4	7	5672.09	.3792	.5303	2150.778	3007.70	5668.50	.3798	.5360	2152.396	3038.31	2.118	30.61
5	6	5662.11	.3794	.5311	2148.015	3006.94	5661.12	.3797	.5360	2149.527	3034.36	1.514	27.42
6	3	5688.12	.3781	.5276	2150.867	3001.22	5687.23	.3785	.5330	2152.616	3031.29	1.749	30.07
7	7	5645.79	.3813	.5190	2152.650	2930.38	5644.57	.3816	.5220	2153.967	2946.46	1.317	16.08
8	10	5651.80	.3802	.5189	2148.574	2932.61	5650.32	.3806	.5200	2150.511	2933.16	1.937	5.55
9	6	5669.00	.3791	.5161	2148.881	2925.54	5667.95	.3798	.5180	2152.687	2935.99	3.806	10.45
580	17	5659.20	.3803	.5097	2152.396	2884.34	5657.70	.3806	.5140	2153.320	2908.05	.924	23.71
1	9	5695.24	.3778	.5150	2150.934	2932.06	5690.48	.3782	.5200	2152.139	2959.04	1.205	28.98
2	7	5638.33	.3812	.5108	2149.369	2880.24	5636.40	.3816	.5120	2150.850	2885.85	1.481	5.59
3	8	5708.13	.3766	.5304	2149.850	3027.56	5705.80	.3768	.5330	2149.945	3041.19	.095	12.63
4	7	5696.79	.3768	.5284	2146.474	3010.40	5695.84	.3769	.5310	2148.762	3024.49	.288	14.09
5	8	5634.25	.3821	.5162	2143.965	2903.36	5622.33	.3823	.5180	2149.531	2912.52	.566	9.16
6	9	5635.15	.3673	.5510	2087.929	3132.06	5633.56	.3679	.5510	2090.908	3131.53	2.979	.65
7	65	5682.42	.3771	.5311	2142.867	3017.94	5682.40	.3772	.5315	2143.401	3020.19	.534	.65
		136125.21			51530.155	71085.46	136079.65			51566.835	71600.45	36.478	415.53

Respectfully submitted, June 26, 1916.

Supt. M. & R. Dept.

Melting Gains	36.478	414.99
Recoveries for month	6.739	7.35
Total Gains	43.217	422.34

Settlement Bullion, M. & R. Dept., June, 1916.

Description	No. Bars	Gross Wt., Ozs.	Finenesses, thousandths		Fine ounces	
			Gold	Silver	Gold	Silver
Gold Deposits, 1915	970	756,533.57	.6978-	.125-	.1772	527,899,967
Silver " "	65	62,110.45	.0576	.7684	.174	3,578,967
Gold " "	518	403,787.16	.6906	.120-	.1894	278,877,789
Silver " "	311	262,895.37	.0847	.8289	.1065	17,019,764
Seattle Re-Dep. 1915	267	219,484.78	.7961-	.1703	.0336	174,731,365
" " "	124	93,781.23	.6199-	.1161	.064	76,888,316
Boise " "	69	66,338.22	.4044-	.4548	.141	26,847,748
" " "	49	36,539.55	.4391	.411-	.0899	18,367,974
Helena " "	68	52,936.78	.4003	.5444-	.0553	21,192,046
" " "	76	56,783.69	.3312-	.6245-	.0445	18,304,655
Deadwood " "	26	26,648.33	.4302-	.456-	.1138	11,462,432
" " "	33	29,079.55	.4271-	.4755	.0974	12,419,430
Mint Fine Silver	911	809,581.05				809,062.91
Purchased Silver	1239	1,441,415.00				1,439,998.79
Refinery Settlement, Silver		135,477.30	.3076	.743	.049	28,115,613
" " Gold		15,751.00	.9274	.039	.0536	14,579,303
Miscellaneous		49,829.87				4,270,365
Copper Base Settlement	24	13,174.40				239,012
		4,532,217.26				1,235,254.745
						2,981,929.22

4,532,217.26 Troy ounces (at 14.5835 to the avoirdupois) equals 510,732 lbs. or 156½ tons

1,235,254.745 Fine ounces (at \$20.871354, the value of one fine ounce of gold) is worth \$25,534,961.03

8,961,929.22 " " (65½, the current price of silver) is worth 1,938,253.99

Total value of Gold and Silver in settlement \$27,473,235.02

June 23, 1916.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

SUMMARY of Minor Coinage Account with the Melting and Refining Department of the Denver Mint, June 30, 1916.

	Nickel Account		Bronze Account	
	Received	Returned	Received	Returned
Troy Ounces	2,266,846.43		5,108,513.72	
Ingots		768,278.10		4,046,363.40
Metal at Set'mt		1,488,164.23		1,030,517.29
Copper to Alloy				23,568.33
Wastage		10,404.10		8,064.70
	2,266,846.43	2,266,846.43	5,108,513.72	5,108,513.72

Respectfully submitted,

J. W. Wilson
Superintendent M. & R. Department.

The Superintendent of the Melting and Refining Department received, or
 ated upon, and returned Gold and Silver Bullion, and Minor Coinage
 Metal, during the Fiscal year 1916, as follows:

Items	Gold Acct. Fine ozs.	Silver Acct. Fine ozs.	Nickel Acct. Troy ozs.	Bronze &c. Troy Oz.
Receipts				
Set'ment Bullion of July 31, '15	1,342,733.589	2,490,742.06	497,021.17	639,14.86
Deposits	901,178.612	959,878.50		
Re-Deposits	614,890.606	238,998.51	228,108.30	993,35.20
Clippings		327,782.61	25,728.20	
Condemned Coin		63,206.83	36,267.93	98,33.40
Uncurrent "		64,312.75		
Coiner's bars	646.616	53.64		
Fine bars		44,450.81		
Proof metal	123.375	50.00		
Exchange bars	1,081.970	33,447.31		
Miscellaneous	200.237	268.02		
Refinery copper				
Ingot copper				
Nickel			1,188,054.16	43,180.52
Zinc			291,666.67	3,187,558.53
Tin				87,047.91
				59,937.50
	2,860,855.005	4,223,191.04	2,266,846.43	5,108,513.72

Returns

Ingots				
Fine bars	1,786.286	1,200,251.85	768,278.10	4,046,363.40
Certificate bars	1,623,225.341	70,550.02		
Unparted bars				
Set'ment	1,235,226.166	700,579.55		
Proof metal	26.380	62.00		
Due from Bureau	2.287			
Fine silver Set'mt		2,249,031.70		
Ingot copper			1,141,737.75	1,011,475.63
Nickel			346,426.48	
Zinc				10,202.07
Tin				8,839.59
Copper to alloy				23,568.33
Sweeps	544.670	1,587.84		
Wastage	43.875	1,078.08	10,404.10	8,064.70
	2,860,855.005	4,223,191.04	2,266,846.43	5,108,513.72

Respectfully submitted, June 30, 1916.

J. Williams
 Superintendent M. & R. Department.

Refinery Operations, Denver Mint, Fiscal year, 1916

<u>Gold Account</u>		Delivered to Ref'y	Returned from Ref'y
Crude bullion with charges	1,612,676.418		
Bullion .992 & over	15,319.423		
Bullion without charges	41,218.639		
Fine bars			1,625,017.192
Settlement bullion, sweeps, &c.			44,149.661
Wastage			47.627
Totals	1,669,214.480		1,669,214.480

<u>Silver Account</u>		Delivered to Ref'y	Returned from Ref'y
Crude bullion with charges	1,192,540.99		
Bullion .998 & over	397.90		
Bullion without charges	536,481.12		
Fine bars			1,624,263.52
Settlement bullion, sweeps, &c.			103,819.79
Wastage			1,336.70
Totals	1,729,420.01		1,729,420.01

<u>By-Products</u>	Troy ozs.	Estimated value
Electrolytic copper	13,428.44	\$248.61
Sponge Platinum	112.24	9,540.40
" Palladium	2.87	229.60
		10,018.61
Charges collected on bullion operated upon		95,508.62
Total earnings, including estimated value of by-products		\$105,527.23

Respectfully submitted, June 30, 1916.

Jewmilsom
Superintendent M. & R. Department.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Bullion delivered to the Settlement Commission by the Superintendent of the Melting and Refining Department in June, 1916.

Gold Bullion:	Fine Ounces
Refined	8,307.816
Unrefined	1,226,947.017
Total	1,235,254.833
Silver Bullion:	Fine Ounces
Refined	2,258,289.16
Unrefined	723,640.05
Total	2,981,929.21
Minor Coinage Metal:	Troy Ounces
Copper	2,153,213.38
Nickel	346,426.48
Zinc	10,202.07
Tin	8,839.59
Total	2,518,681.52

Respectfully submitted,

W. M. Milam
Supt., M. & R. Dept.

Denver Mint,
June 30, 1916.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

July 24th, 1916.

Hon. Thomas Annear,
Superintendent, U.S. Mint,

Gold Bullion Sir:-
Refined
Unrefined

In answer to the second paragraph of the Director's
letter of the 19th instant: -

Silver Bullion
Refined
Unrefined

My records show that on the dates and in the amounts
hereinafter stated, clippings from Certificate bar melts were
weighed by the Assayer for forwarding to the Bureau:

	C.B. Melt	Amount
May 4th,	225,	.482
Pick " 15th,	230	.478
Line " 23rd,	235	.491
Tin " 26th,	240	.423
June 2nd,	245	.413
Total,		2.287 ounces.

Respectfully

The Bureau was debited on said dates and the Assayer
credited at the end of the month with the Bureau debits. None
of said samples have been returned.

Respectfully,

Supt. M. & R. Department.

Denver Mint,
June 30, 1916.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion held by the Superintendent of Melting and Refining Department,
At the close of business July 31, 1916.

	Fine ounces
Gold Bullion	
Refined	8,307.818
Unrefined	<u>1,410,559.924</u>
Total	1,418,867.640

Silver Bullion	
Refined	2,258,289.18
Unrefined	<u>840,083.30</u>
Total	3,098,372.48

	Troy ounces
Minor Coinage Metals	
Copper	2,057,874.75
Nickel	317,637.39
Zinc	9,918.78
Tin	8,650.72
Ingots (Nickel)	120,421.50
" (Bronze)	<u>93,367.60</u>
Total	2,607,870.72

Respectfully,

Joseph W. Wilson
Supt. M. & R. Dept.

August 3, 1916.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

August 11, 1916.

Hon. Thomas Annear,
Superintendent, U. S. Mint,
Denver.

Sir:

Specifications for Fire clay Pedestals requested by you this
day are as follows:

Height, 7 inches

Diameter, top, 8 inches

" bottom, 10 "

Weight, approximately, 30 lbs. Avoir.

Heat resistance, 3000 degrees, F.

Weight to be borne, about 500 lbs. Avoir.

Respectfully,

John Wilson

Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

August 12, 1916.

Hon. Thomas Aymear,
Superintendent, U. S. Mint,
Denver.

Sir:

I hereby certify that overtime is due the employees designated
as follows:

July	29	31	August	1	2	9	10	Total	Das.	Hrs.
	hrs.	hrs.		hrs.	hrs.	hrs.	hrs.			
G.B.Gray	3 $\frac{1}{2}$	4 $\frac{1}{2}$		4	4	1	1		2	2
J.A.Lindhard	3 $\frac{1}{2}$	4 $\frac{1}{2}$		4	4	1	1		2	2
E.P.Schell	3 $\frac{1}{2}$	3 $\frac{1}{2}$		3	3	1	1		1	7
W.R.Willan	3 $\frac{1}{2}$	4 $\frac{1}{2}$		4	4	1	1		2	2

Respectfully,

Joe V. Wilson
Supt. M. & R. Department.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion held by the Superintendent of the Melting and Refining Department, at the close of business, August 31, 1916.

Fine ounces

Gold Bullion

Refined	65,136.670
Unrefined	<u>1,432,676.496</u>
Total	1,497,813.166

Silver Bullion

Refined	2,441,691.65
Unrefined	<u>737,680.41</u>
Total	3,179,372.06

Troy ounces

Minor Coinage Metal

Copper	1,573,388.44
Nickel	205,328.49
Zinc	49,008.99
Tin	35,090.03
Ingot (Nickel)	27,302.80
" (Bronze)	<u>21,161.00</u>
Total	1,911,279.75

Respectfully,

Joseph Wilson
Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion held by the Superintendent of the Melting and Refining Department, at the close of business, September 30, 1918.

	Fine ounces
<u>Gold Bullion</u>	
Refined	83,770.300
Unrefined	<u>1,437,829.921</u>
Total	1,521,600.221

<u>Silver Bullion</u>	
Refined	2,526,447.71
Unrefined	<u>758,222.16</u>
Total	3,284,669.87

	Troy ounces
<u>Minor Coinage Metal</u>	
Copper	813,942.77
Nickel	81,614.49
Tin	26,915.23
Zinc	36,746.76
Ingots, Nickel	34,049.40
" Bronze	<u>32,455.80</u>
Total	1,025,724.45

Respectfully,

John Wilson
Supt. M. & R. Department.

43

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion held by the Superintendent of the Melting and Refining
Department, at the close of business, October 31, 1916.

Fine ounces

Gold Bullion

Refined	79,343.108
Unrefined	<u>1,451,341.227</u>
Total	1,530,684.335

Silver Bullion

Refined	2,394,288.36
Quarter Dollar Ingots	51,632.37
Unrefined	<u>684,038.61</u>
Total	3,129,959.34

Troy ounces

Minor Coinage Metal

Copper	1,371,716.27
Nickel	10,528.19
Zinc	24,513.44
Tin	18,759.68
Bronze Ingots	<u>28,788.40</u>
Total	1,754,305.98

Respectfully,

Joseph M. ...
Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Refined and Unrefined Bullion, on hand, M. & R. Dept., Nov. 15, 1916.

Gold

Refined	94,534.052
Unrefined	<u>1,503,334.626</u>
Total	1,597,868.678

Silver

Refined	2,466,084.55
Unrefined	<u>636,620.06</u>
Total	3,102,704.61

Respectfully,

John Wilson
Supt. M. & R. Dept.

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, July, 1916.

Melt Bars	Weight	Before Melting				After Melting				Fine ounces			
		Fineness		Fine ounces		Fineness		Fine ounces		Gold		Silver	
		Gold	Silver	Gold	Silver	Gold	Silver	Gold	Silver	Gain	Loss	Gain	Loss
3	5907.63	.9466	.0463	5592.020	273.50	.9466	.0480	5592.596	283.52	.576		10.02	
4	6060.57	.9440	.0491	5721.014	297.65	.9441	.0495	5720.925	299.95		.082	2.30	
	11968.20			11313.034	571.15			11313.521	583.47	.576	.089	12.32	
										.089			
										.487		12.32	
Nos. 1 & 2, Specials													
Silver Anodes													
2 *	5688.00	.3778	.5740	2148.770	3264.58	.3781	.5765	2149.986	3278.14	1.216		13.56	
3	5695.05	.3774	.5742	2149.432	3270.30	.3776	.5745	2149.956	3271.05	.524		.75	
4	5634.80	.3813	.5639	2148.396	3177.14	.3811	.5660	2146.484	3187.90		1.912	10.76	
5	5683.60	.3780	.5703	2148.301	3240.31	.3780	.5710	2147.928	3244.62		.373	4.31	
6	5659.90	.3806	.5519	2154.177	3123.80	.3806	.5550	2153.450	3140.21		.727	16.41	
7	5670.20	.3795	.5424	2151.866	3075.36	.3800	.5445	2154.125	3086.63	2.259		11.27	
8	5676.35	.3792	.5646	2152.423	3204.58	.3795	.5640	2153.620	3200.63	1.197		1.12	
9	5681.04	.3788	.5582	2151.998	3171.27	.3790	.5585	2152.795	3172.39	.797			
11 *	5669.38	.3793	.5525	2150.295	3132.40	.3795	.5525	2151.165	3131.80	.870			3.95
12	5678.16	.3786	.5457	2149.825	3098.60	.3787	.5475	2149.860	3108.13	.035			.6
13	5686.51	.3786	.5716	2152.833	3250.63	.3787	.5720	2153.057	3252.04	.224		9.53	
14	5696.49	.3780	.5599	2153.365	3189.44	.3781	.5595	2153.237	3186.29		.126	1.41	
15	5666.81	.3795	.5626	2150.499	3167.98	.3797	.5600	2151.000	3172.40	.501			3.1
16	5672.24	.3794	.5661	2151.772	3211.04	.3794	.5635	2151.368	3195.29		.404	15.58	
17	5657.82	.3799	.5667	2149.142	3206.49	.3800	.5660	2149.063	3200.97		.079	15.75	
										7.623	3.623	69.12	44.55

July, 1916, page 2

Fwd.		85116.35	32263.094	47803.92	85093.13	32267.094	47828.49	7.623	3.623	69.12	44.55		
18	14	5680.96	.3784	.5630	2149.712	3198.20	5678.76	.3786	.5635	2149.978	3199.98	.266	
19	14	5693.87	.3776	.5699	2150.093	3244.95	5693.06	.3778	.5700	2150.838	3245.04	.745	1.78
20	14	5679.28	.3789	.5705	2151.688	3240.16	5677.80	.3791	.5700	2152.453	3236.34	.765	.09
21	24	5698.07	.3776	.6043	2151.527	3443.22	5696.64	.3776	.6070	2151.051	3457.66		
22	20	5693.62	.3647	.6251	2076.716	3559.16	5691.38	.3641	.6285	2072.231	3577.03		
23	15	5699.68	.3775	.5567	2151.467	3173.06	5698.23	.3775	.5570	2151.081	3173.91		
24	13	5657.30	.3801	.5633	2150.181	3186.68	5655.85	.3801	.5635	2149.788	3187.07		
25	13	5657.20	.3797	.5566	2147.860	3148.79	5656.82	.3795	.5620	2146.763	3179.13		
26	14	5670.41	.3791	.5846	2149.586	3314.82	5668.22	.3790	.5870	2148.255	3327.24		
27	86	5639.60	.3813	.5269	2150.168	2971.38	5638.93	.3813	.5315	2150.124	2997.09		
28	10	5650.92	.3803	.6135	2148.783	3466.94	5650.03	.3802	.6155	2148.141	3477.59		
29	10	5676.54	.3790	.5998	2151.508	3405.04	5674.07	.3787	.6010	2148.770	3410.11		
30	21	5686.61	.3781	.6114	2149.828	3476.90	5685.18	.3777	.6140	2147.292	3490.70		
31	118	5698.30	.3777	.5441	2152.118	3099.96	5694.83	.3779	.5470	2152.076	3115.07		
32	19	5679.93	.3780	.5603	2146.846	3182.39	5676.71	.3778	.5580	2144.661	3167.60		
33	17	5680.68	.3786	.5565	2150.600	3161.21	5679.57	.3789	.5550	2151.989	3152.16		
34	15	5645.90	.3808	.5461	2150.325	3094.93	5643.91	.3809	.5480	2149.765	3092.66		
												1.389	
													560

Respectfully submitted, October 18, 1916.

Superintendent Melting & Refining Department.

Apparent Gold gain	143.66
Month's recoveries	16.36
Apparent gains	2.839
160.52	

Gain & Loss in Gold and Silver in Melting Gold Anodes, Denver Mint, August, 1916.

Before Melting				After Melting				Fine ounces					
Melt	Bars	Weight	Fineness		Weight	Fineness		Gold	Silver	Gain	Loss	Silver	
			Gold	Silver		Gold	Silver						
5	6	6029.00	.9222	.0718	5559.785	432.63	6027.76	.9226	.0710	5561.211	1.426	427.97	
6	10	5987.79	.9021	.0834	5401.310	499.45	5987.11	.9029	.0820	5405.761	4.451	490.94	
7	11	6019.89	.8933	.0956	5374.799	575.59	6019.34	.8926	.0960	5372.862		577.85	
8	15	6125.75	.8932	.0961	5471.227	589.02	6125.24	.8932	.0975	5471.064		597.21	
9	9	5856.37	.8916	.0942	5221.711	551.61	5854.63	.8915	.0990	5219.402		579.60	
10	9	5887.78	.8896	.0966	5237.789	568.53	5886.30	.8894	.1015	5235.275		597.45	
11	10	5845.27	.8926	.0985	5217.381	575.71	(6667.00	.9002	.0905)	6001.633	.790	603.36	
12	11	5847.24	.8917	.0999	5214.107	583.94	(5021.70	.8823	.1075)	4430.645		539.83	
		47599.09			42698.109	4376.48	47589.08			42697.853	6.667	4414.21	
												6.923	67.36
												6.667	29.63
												.256	
													37.73
													16.77
												.388	
												.284	19.70
												2.494	.50
													7.96
												2.483	
												.679	
												2.003	3.31
												.404	31.62
													20.81
												2.037	24.62
												.884	
													6.40
													17.04
												.883	3.29
												.445	13.85
												3.590	12.33
												1.177	2.20
												.243	1.31
												2.867	15.83
												2.282	.81
												.193	
												.273	
												.559	7.84
												.443	9.85
												.748	3.30
													1.03
													12.31
													15.121
													12.666
													119.32
													114.16

Silver Anodes				Gold loss			
35	75	5680.56	.3786	5678.76	.3783	5405	2148.274
6	15	5694.31	.3776 <td>5691.34</td> <th>3779</th> <th>5920</th> <th>2150.757</th>	5691.34	3779	5920	2150.757
7	15	5656.46	3804	5655.50	3804	5745	2151.352
8	15	5660.17	3798	5655.53	3806	5620	2152.494
9	12	5632.19	3813	5629.75	3810	5695	2144.934
40	13	5698.41	3772	5697.10	3774	5760	2150.085
1	17	5671.12	3794	5689.33	3799	5950	2153.778
2	18	5627.67	3815	5626.07	3816	5340	2146.908
3	17	5677.39	3786	5675.86	3788	5430	2150.015
4	12	5629.44	3815	5627.81	3812	5295	2145.321
5	11	5639.72	3809	5638.63	3811	5175	2148.881
6	13	5624.43	3825	5623.13	3824	5215	2150.284
7	12	5686.99	3795	5686.02	3795	5325	2150.254
9	*18	5666.42	3795	5665.44	3789	5230	2146.635
50	7	5672.81	3789	5665.82	3793	5305	2150.562
1	6	5669.34	3791	5665.81	3793	5305	2149.041
2	6	5658.68	3797	5657.37	3803	5275	2151.497
3	6	5675.42	3786	5674.39	3791	5325	2151.161
4	8	5701.61	3773	5699.28	3775	5245	2151.478
5	7	5652.17	3808	5649.29	3809	5220	2151.814
6	5	5646.42	3808	5644.30	3810	5230	2150.478
7	8	5639.03	3812	5637.30	3814	5305	2150.066
8	8	5664.18	3796	5662.16	3799	5260	2151.054
130204.94				5662.16 <th>3799</th> <th>5260</th> <th>2151.054</th>	3799	5260	2151.054
				49447.123			70502.30
				15.121			12.666
				119.32			114.16

Gain & Loss in Melting Gold and Silver Anode Melts, Denver Mint, September, 1916.

[illegible]

Rwd.	73568.69	27966.418	38797.39	73545.24	27985.076	38829.55	20.291	1.633	59.64	27.48						
116	6	5679.44	.3783	.5247	2148.512	2980.06	5678.07	.3784	.5235	2148.581	2972.46	.069				7.60
7	5	5622.04	.3827	.5276	2151.734	2966.12	5620.91	.3834	.5290	2155.056	2973.46	3.322				
8	6	5709.95	.3771	.5244	2153.408	2994.18	5707.33	.3776	.5270	2155.087	3007.76	1.679				
9	7	5652.56	.3805	.5244	2151.011	2964.45	5650.94	.3801	.5270	2147.922	2978.04			3.089		13.58
120	7	5655.95	.3800	.5278	2149.031	2985.20	5654.92	.3801	.5290	2149.435	2991.45	.404				6.25
1	7	5645.67	.3807	.5252	2149.402	2965.35	5644.57	.3814	.5255	2152.838	2966.22	3.436				.87
2	7	5662.34	.3799	.5267	2151.391	2982.11	5661.16	.3805	.5295	2154.071	2997.58	2.680		.134		15.47
3	6	5653.37	.3775	.5304	2133.888	2998.39	5652.33	.3775	.5310	2133.754	3001.38					2.39
4	6*	5665.21	.3796	.5351	2150.680	3031.33	5664.21	.3803	.5370	2154.099	3041.68	3.419				10.35
5	7	5669.13	.3794	.5258	2150.823	2980.69	5668.13	.3797	.5290	2152.188	2998.44	1.365				17.75
6	7	5670.54	.3792	.5339	2150.244	3027.28	5669.42	.3798	.5340	2153.245	3027.47	3.001				.19
7	97	5708.20	.3777	.5265	2156.450	3005.57	5707.09	.3784	.5325	2159.562	3039.02	3.112				33.45
8	7	5674.39	.3789	.5275	2149.958	2993.19	5670.99	.3796	.5280	2152.707	2994.28	2.749				1.09
9	7	5635.39	.3820	.5244	2152.453	2955.12	5632.68	.3825	.5260	2154.500	2962.78	2.047				7.66
130	5	5650.73	.3807	.5401	2151.395	3052.11	5648.32	.3812	.5425	2153.139	3064.21	1.744				12.10
1	7	5687.80	.3757	.5269	2136.863	2997.03	5686.15	.3755	.5255	2135.149	2988.07			1.714		8.95
2	7	5665.05	.3796	.5257	2150.633	2987.83	5663.87	.3796	.5265	2150.005	2982.02	.444		.628		4.12
3	6	5667.78	.3792	.5272	2149.079	2973.14	5667.08	.3793	.5285	2149.523	2975.96			1.754		7.22
4	6	5658.85	.3800	.5254	2150.556	2973.14	5657.72	.3798	.5260	2148.802	2975.96			.965		2.82
5	69	5765.92	.3763	.5270	2169.594	3038.81	5764.54	.3762	.5325	2168.619	3069.61					30.80
6	9	5687.16	.3797	.5244	2159.468	2982.61	5684.78	.3801	.5175	2160.784	2987.35					4.74
7	8	5636.91	.3817	.5175	2151.740	2917.00	5635.34	.3825	.5175	2155.517	2916.28	1.316				.72
8	6	5645.83	.3811	.5284	2151.645	2971.70	5643.50	.3814	.5255	2152.430	2965.65	.785				6.05
9	6	5703.74	.3805	.5286	2170.465	3015.01	5701.53	.3809	.5285	2171.712	3013.25	1.247				1.76
140	7	5627.42	.3820	.5198	2149.581	2924.87	5626.23	.3824	.5190	2151.470	2920.01	1.889				4.86
1	6	5649.62	.3806	.5246	2150.088	2963.86	5647.99	.3809	.5230	2151.319	2953.89	1.231				9.97
2	6	5668.97	.3800	.5204	2154.507	2950.30	5665.64	.3799	.5210	2152.376	2951.79			2.131		1.49
		226588.65			86061.007	119378.59	226520.68			86108.966	119564.71	60.007		12.048	253.51	67.39

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, October, 1916.

[illegible]

Silver Anodes

[illegible]

Fwd.	73815.42	27976.401	39438.95	73773.42	27988.456	39551.74	13.145	1.090	117.78	4.99					
172	7	5697.37	3776	.5298	2151.412	3018.33	5695.59	3782	.5300	2154.072	3018.66	2.660	.33		
3	7	5647.15	3810	.5262	2151.289	2971.80	5645.53	3810	.5265	2150.946	2972.37	2.660	.57		
4	7	5628.60	3822	.5292	2151.441	2978.46	5625.95	3829	.5305	2154.176	2984.56	2.735	6.10		
5	6	5629.50	3824	.5280	2152.505	2972.19	5628.20	3824	.5295	2152.223	2980.13		7.94		
6	8	5589.15	3851	.5205	2152.143	2909.16	5587.57	3847	.5260	2149.538	2939.06	2.605	29.90		
7	8	5611.63	3831	.5180	2149.848	2907.06	5610.19	3827	.5235	2147.019	2936.93	2.823	29.87		
8	7	5606.69	3838	.5286	2151.952	2963.62	5605.21	3839	.5300	2151.840	2970.76	.112	7.14		
9	7	5615.89	3832	.5119	2152.108	2874.52	5614.40	3828	.5160	2149.192	2897.03	2.916	22.51		
180	6	5628.51	3821	.5161	2150.522	2904.86	5626.82	3821	.5195	2150.007	2923.13	.515	18.27		
1	6	5638.37	3813	.5239	2149.736	2953.81	5636.51	3817	.5285	2151.455	2978.89	1.719	25.08		
2	6	5699.54	3774	.5238	2150.994	2985.63	5698.03	3778	.5280	2152.715	3008.55	1.721	22.92		
3	6	5648.08	3811	.5180	2152.252	2925.63	5646.88	3815	.5210	2154.284	2942.02	2.032	16.39		
4	7	5629.37	3823	.5241	2151.846	2950.54	5627.97	3827	.5270	2153.824	2965.94	1.978	15.40		
5	7	5685.75	3785	.5212	2152.314	2963.26	5684.68	3785	.5225	2151.651	2970.24	.663	6.98		
6	7	5660.25	3803	.5116	2152.538	2896.00	5659.77	3807	.5110	2154.674	2892.14	2.136	3.86		
7	6	5641.18	3816	.5197	2152.394	2931.66	5638.88	3816	.5195	2151.796	2929.39	.598	2.27		
8	8	5664.32	3798	.5226	2151.233	2960.44	5663.28	3795	.5225	2149.214	2959.06	2.019	1.38		
9	7	5632.13	3820	.5161	2151.711	2906.55	5629.46	3828	.5170	2154.957	2910.43	3.246	3.88		
190	7	5641.00	3817	.5190	2153.043	2927.69	5640.01	3815	.5255	2151.683	2963.82	1.380	36.13		
1	8	5647.05	3807	.5156	2150.071	2911.37	5644.72	3803	.5155	2146.687	2909.85	3.384	11.15		
2	8	5625.34	3823	.5199	2150.495	2924.39	5623.64	3824	.5220	2150.479	2935.54	.016	4.23		
3	8	5684.04	3789	.5191	2153.788	2950.29	5681.78	3790	.5200	2153.394	2954.52	.394	21.86		
4	7	5633.33	3818	.5140	2150.902	2895.78	5632.52	3822	.5180	2152.749	2917.64	1.847	7.27		
5	7	5621.80	3826	.5196	2150.908	2921.20	5620.88	3834	.5210	2155.045	2928.47	4.137	7.43		
6	7	5616.41	3830	.5255	2151.297	2951.58	5614.82	3836	.5270	2153.844	2959.01	2.547	18.02		
7	6	5654.35	3805	.5257	2151.729	2972.55	5653.26	3810	.5290	2153.892	2990.57	2.163	7.14		
8	6	5655.50	3807	.5226	2153.005	2955.69	5654.26	3808	.5240	2153.142	2962.83	.137			
226147.72											86092.934	42.203	19.146	444.29	14.02
86169.877											119253.28				
118823.01											226064.23				

Oct./16 -- page 3

199	8	5630.51	.3821	.5328	2151.371	3000.20	5629.37	.3820	.5340	2150.419	3006.08	42.203	19.146	444.29	14.02
200	5	5633.00	.3820	.5323	2151.534	2999.03	5631.75	.3821	.5350	2151.891	3012.98	.357	.952	5.88	
1	97	5694.70	.3841	.5186	2187.210	2952.90	5693.82	.3845	.5215	2189.273	2969.32	2.063		14.95	
2	6	5656.06	.3802	.5461	2150.328	3088.63	5655.13	.3801	.5505	2149.514	3113.24		.614	24.51	
3	5	5655.52	.3806	.5175	2152.221	2928.69	5654.70	.3803	.5250	2150.482	2968.71		1.739	42.02	
4	6	5651.59	.3808	.5257	2152.038	2971.19	5649.08	.3815	.5265	2155.124	2974.24	3.086		3.05	
5	9	5674.17	.3795	.5325	2152.351	3021.50	5672.35	.3800	.5340	2155.493	3029.03	3.142		7.53	
6	8	5679.42	.3792	.5456	2153.394	3098.80	5676.75	.3796	.5475	2154.894	3108.02	1.500		9.42	
7	8	5682.16	.3789	.5519	2152.932	3136.25	5679.85	.3787	.5550	2150.959	3152.51		1.973	16.08	
8	8	5662.37	.3800	.5241	2151.453	2967.49	5659.58	.3804	.5275	2153.006	2985.57	1.553		18.08	
9	7	5653.45	.3808	.5383	2152.682	3043.24	5651.19	.3803	.5395	2149.147	3048.81		3.535	5.67	
210	7	5657.71	.3806	.5352	2153.087	3027.91	5655.29	.3808	.5290	2152.403	2991.64		.684	3.90	
1	7	5620.01	.3830	.5259	2152.110	2955.62	5617.44	.3828	.5270	2150.356	2980.39		1.784	4.77	
2	7	5634.13	.3823	.5181	2153.836	2918.89	5631.58	.3821	.5190	2151.826	2922.79		2.010	3.90	
3	7	5680.69	.3790	.5254	2153.137	2984.74	5678.07	.3799	.5275	2157.098	2995.18	3.961		10.44	
4	6	5667.04	.3799	.5316	2152.948	3013.57	5664.45	.3806	.5365	2155.889	3038.37	2.941		25.40	
5	7	5682.67	.3800	.5381	2151.932	3047.33	5672.22	.3795	.5210	2152.607	3072.04		1.030	9.21	
6	7	5674.62	.3793	.5179	2152.529	2939.05	5694.24	.3783	.5395	2154.130	2952.14	.078		13.17	
7	71	5697.18	.3779	.5382	2152.897	3048.76	5633.86	.3820	.5240	2152.134	2952.14	1.233		23.28	
8	6	5637.04	.3816	.5224	2152.323	2944.72	5644.50	.3817	.5240	2154.505	2957.71	1.171	.089	7.42	
9	7	5648.05	.3813	.5204	2153.334	2939.02	5654.91	.3806	.5395	2152.358	3050.82		1.249	18.69	
220	7	5658.08	.3806	.5377	2153.507	3042.47	5697.99	.3779	.5265	2153.270	2999.99	.380		8.35	
1	7	5700.09	.3777	.5245	2152.890	2989.65	5661.60	.3803	.5340	2153.106	3023.29	1.292		10.34	
2	7	5665.30	.3799	.5313	2151.814	3009.73	5689.08	.3786	.5040	2155.885	2867.29	.302		13.56	
3	6	5692.62	.3783	.5074	2153.535	2888.39	5692.41	.3778	.5280	2150.592	3005.59		1.733	14.02	
4	7	5696.06	.3779	.5252	2152.325	2991.57								21.10	

373412.01 142169.543 196769.15 373265.71 142098.097 197471.09 65.262 36.708 773.33 71.39

* 3027.91

Apparent melting gains
Month's recoveries
Apparent total gains

36.708 71.39
28.554 701.94
17.324 20.92
45.878 722.86

Respectfully submitted, Nov. 23, 1916.

Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion in Hands of Supt. M. & R. Dept., Nov. 29, 1916.

	Fine ounces
<u>Gold Bullion</u>	
Refined	102,720.373
Unrefined	<u>1,477,317.244</u>
Total	1,580,037.617

<u>Silver Bullion</u>	
Refined	2,136,654.82
Ingots	59,261.35
Unrefined	<u>587,280.46</u>
Total	2,783,196.63

	Troy ounces
<u>Minor Coinage Metal</u>	
Copper	1,064,212.70
Nickel	213,048.69
Zinc	13,774.55
Tin	<u>11,600.41</u>
Total	1,302,636.35

Respectfully,

Joseph W. Milcom
Supt. M. & R. Department.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Absence and Workmanship Account, November, 1916.

	Time Lost	Workmanship
Arnold, R.G.	---	100
Borstadt, G.	---	100
Bush, W.M.	---	95
Crary, J.H.	---	100
Dardis, W.N.	---	100
French, H.W.	---	90
Gray, G.B.	---	90
Hetrich, J.M.	---	100
Hume, F.N.	---	100
Ligon, A.	---	100
Lindhard, J.A.	2½ hrs. lv.	95
Lundin, A.H.	---	100
Milsom, J.W.	7 das. lv.	
Perry, R.J.	---	100
Presnell, J.H.	4½ hrs. lv.	100
Russell, N.A.	---	100
Ryan, P.	---	95
Schell, E.P.	---	90
St. John, F.	---	100
Stoddard, X.T.	---	100
Spencer, G.N.	2 das. sick	100
Whitaker, S.R.	---	100
Whitehead, H.R.	2 hrs. lv.	100
Willan, W.R.	2 " "	95
Aurand, A.J.	---	90
Brown, R.	---	90
Lindhard, C.	---	90

Respectfully submitted,

J. W. Milsom
Supt. M. & R. Department.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion in Hands of Supt. M. & R. Dept., December 30, 1916

	Fine ounces
<u>Gold Bullion</u>	
Refined	147,921.955
Unrefined	<u>1,471,880.985</u>
Total	1,619,782.940

<u>Silver Bullion</u>	
Refined	1,202,782.03
Unrefined	541,253.75
Half Dollar Ingots	<u>84,199.77</u>
Total	1,828,235.55

<u>Minor Coinage Metal</u>	Troy ounces
Copper	1,050,257.50
Nickel	199,356.92
Zinc	188,657.88
Tin	<u>129,769.16</u>
Total	1,568,041.46

Respectfully,

John W. ...
Supt. M. & R. Department.

Gain and Loss in Melting Gold and Silver Anode Melts, Denver Mint, November, 1916.

[illegible]

Silver Anodes

Nov/16 - 2

Fwd. 113515.99 43062.037 60959.17 113462.14 43078.401 61150.07 23.787 7.423 204.71 13.81

245	58	5641.00	.3824	.5172	2156.921	2917.16	5637.77	.3829	.5195	2158.702	2928.82	1.781							
6	12	5676.13	.3861	.5275	2191.747	2993.11	5672.35	.3862	.5285	2190.661	2986.49		1.086	11.66					
7	7	5663.73	.3805	.5410	2155.245	3063.87	5660.40	.3808	.5420	2155.480	3067.93	.235		4.08					
8	8	5631.23	.3826	.5521	2154.461	3109.14	5628.22	.3830	.5535	2155.608	3115.21	1.147		6.07					
9	6	5630.42	.3823	.5450	2152.391	3068.48	5627.99	.3825	.5450	2152.706	3067.25	.315							
250	7	5658.02	.3805	.5543	2152.901	3136.12	5655.82	.3808	.5540	2153.740	3133.32	.839							
1	6	5615.52	.3835	.5409	2153.502	3037.05	5612.89	.3838	.5400	2154.227	3030.96	.725							
2	6	5703.28	.3779	.5252	2155.062	2995.56	5700.03	.3778	.5240	2153.471	2986.81	1.591							
3	7	5697.90	.3784	.5619	2155.833	3201.61	5695.19	.3784	.5620	2155.059	3200.69	.774							
4	5	5621.15	.3830	.5646	2152.893	3173.49	5616.66	.3832	.5655	2152.304	3176.22								
5	5	5690.50	.3783	.5638	2152.662	3208.26	5687.63	.3787	.5640	2153.905	3207.82	1.243							
6	6	5679.52	.3792	.5419	2153.736	3077.48	5675.68	.3796	.5420	2154.488	3076.21	.752							
7	57	5678.80	.3831	.5307	2175.370	3013.33	5676.14	.3835	.5335	2176.799	3028.22	1.429							
8	6	5652.00	.3808	.5423	2152.257	3065.17	5648.68	.3807	.5450	2150.452	3078.53								
9	7	5639.65	.3795	.5345	2151.469	3030.10	5667.67	.3799	.5355	2153.147	3035.03	1.678							
260	7	5685.00	.3791	.5420	2155.066	3081.34	5681.75	.3794	.5410	2155.655	3073.82	.587							
1	6	5645.13	.3814	.5184	2153.273	2926.14	5642.54	.3815	.5215	2152.629	2942.58								
2	6	5637.38	.3819	.5377	2152.903	3030.98	5634.42	.3826	.5380	2152.729	3031.31	2.826							
3	6	5622.26	.3830	.5159	2153.159	2900.54	5619.30	.3831	.5170	2152.753	2905.17								
4	5	5680.57	.3794	.5384	2155.050	3068.28	5677.30	.3799	.5395	2156.806	3062.90	1.756							
5	5	5645.35	.3815	.5449	2153.713	3076.01	5642.46	.3814	.5455	2152.034	3077.96								
6	7	5694.48	.3789	.5360	2154.051	3046.83	5681.75	.3786	.5370	2151.110	3051.09								
7	6	5686.40	.3787	.5277	2153.236	3000.52	5683.80	.3789	.5280	2153.591	3001.04	.355							
8	6	5691.46	.3787	.5629	2155.276	3202.53	5688.55	.3789	.5625	2155.391	3199.80	.115							
9	9	5690.65	.3793	.5420	2154.657	3078.82	5677.11	.3790	.5425	2151.624	3079.83								
270	7	5647.44	.3815	.5331	2153.516	3010.82	5643.98	.3812	.5340	2151.485	3013.88								
1	8	5651.56	.3812	.5326	2154.082	3010.16	5650.13	.3810	.5340	2152.699	3017.16								

266382.57 101276.471 143473.07 266248.36 101290.656 143726.12 39.570 25.385 306.23 53.18

Respectfully submitted, January 16, 1917.

Supt. M. & R. Dept.

Apparent Ga'ns 25.385 53.18
Month's Recoveries 14.185 252.05
Total Gains 19.800 7.64

gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, December, 1916.

[illegible]

Nos. 30, 32, & 33, Specials

Silver	Anodes	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
--------	--------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------

ec/1e - 2

PwD.		136187.08	51732.400	74971.63	136107.95	51731.786	74915.61	21.433	22.047	70.79	126.81						
296	8	5669.54	.3803	.5465	2156.044	3098.62	5665.36	.3807	.5470	2156.802	3098.95	.758					
7	6	5661.23	.3809	.5817	2156.205	3293.22	5658.17	.3807	.5820	2154.065	3293.05						
8	8	5691.70	.3793	.5791	2158.632	3296.07	5688.07	.3798	.5770	2160.328	3282.01	1.696					
9	7	5619.74	.3832	.5711	2153.240	3209.47	5616.49	.3833	.5715	2152.800	3209.82						
300	9	5694.42	.3785	.5776	2155.178	3288.18	5692.25	.3788	.5790	2156.224	3295.81	1.046					
1	8	5625.65	.3825	.5712	2151.763	3213.21	5622.06	.3821	.5720	2148.189	3215.91						
2	9	5713.99	.3778	.5765	2158.466	3294.11	5710.29	.3779	.5765	2157.918	3291.98						
3	8	5686.97	.3802	.5757	2154.402	3262.26	5682.74	.3799	.5770	2151.274	3267.40						
4	8	5644.43	.3816	.5532	2153.726	3132.25	5641.73	.3820	.5560	2155.140	3136.80	1.414					
5	8	5662.39	.3806	.5479	2154.353	3102.33	5658.76	.3811	.5515	2156.553	3120.80	1.700					
6	6	5646.35	.3813	.5555	2153.180	3136.44	5643.75	.3817	.5550	2154.219	3132.28	1.059					
7	6	5651.28	.3813	.5347	2154.951	3021.74	5648.88	.3820	.5355	2157.872	3024.97	2.921					
8	9	5701.52	.3790	.5369	2150.898	3061.13	5698.94	.3790	.5395	2159.898	3074.57						
9	8	5655.22	.3808	.5306	2153.696	3000.90	5651.94	.3805	.5315	2150.563	3004.00						
10	7	5613.08	.3837	.5178	2153.836	2905.08	5608.85	.3838	.5180	2152.676	2905.38						
1	7	5670.99	.3804	.5495	2157.201	3116.15	5669.13	.3801	.5530	2154.836	3135.02	.975					
2	8	5639.77	.3885	.5465	2156.994	3081.79	5637.33	.3828	.5500	2157.969	3100.53						
3	6	5667.68	.3807	.5595	2157.568	3170.32	5665.27	.3807	.5590	2156.768	3166.88						
4	9	5656.75	.3811	.5769	2155.975	3263.28	5653.62	.3811	.5775	2154.594	3264.96						
5	9	5675.35	.3800	.5629	2156.774	3194.90	5673.75	.3793	.5650	2157.618	3205.66	1.309					
6	9	5639.87	.3830	.5647	2156.210	3178.86	5627.59	.3834	.5665	2157.618	3256.09	.790					
7	10	5708.51	.3786	.5690	2161.190	3248.28	5705.94	.3789	.5710	2161.980	3166.13	.969					
8	8	5675.90	.3800	.5577	2156.883	3165.21	5674.08	.3803	.5580	2157.852	3235.68						
9	7	5638.72	.3822	.5900	2154.945	3224.78	5635.78	.3823	.5900	2154.233	3231.51						
301	9	5662.81	.3806	.5730	2155.403	3240.92	5659.40	.3808	.5710	2155.099	3231.51	.499					
2	8	5719.81	.3782	.5281	2163.150	3020.41	5716.38	.3785	.5290	2163.649	2972.11	1.715					
3	3	5664.21	.3802	.5223	2155.760	2962.95	5661.18	.3811	.5250	2157.475	2972.11	3.292					
4	3	5678.84	.3798	.5258	2155.489	2986.19	5675.03	.3804	.5235	2158.781	2996.03	1.861					
5	3	5687.56	.3793	.5213	2157.401	2965.01	5682.27	.3800	.5235	2159.262	3080.92	5.729					
6	8	5693.70	.3787	.5402	2156.382	3075.52	5689.21	.3800	.5415	2162.051	3007.55						
7	6	5688.06	.3804	.5230	2156.226	2964.23	5683.91	.3806	.5310	2155.684	3007.55						
8	6	5674.64	.3801	.5286	2156.694	2999.87	5671.81	.3802	.5320	2156.482	3017.40	5.205					
9	3	5685.40	.3797	.5228	2158.614	2972.57	5682.30	.3808	.5250	2163.819	2983.20						
30	8	5637.40	.3789	.5310	2154.752	3019.26	5684.55	.3790	.5320	2154.444	3024.18						
1	7	5702.66	.3781	.5254	2156.431	2997.01	5700.05	.3783	.5250	2156.328	2992.52						
2	7	5713.19	.3777	.5260	2157.865	3005.27	5711.14	.3764	.5305	2149.673	3029.75						
3	7	5713.67	.3778	.5276	2158.719	3014.20	5710.69	.3781	.5270	2159.211	3009.53						
4	7	526021.59			131518.118	130251.90	345828.32			131519.345	130460.60						

Reactivity submitted, Jan. 16, 1917

Melting Points

Recoveries

Total Gain

Supt. H. B. R. Dept.

1.327
8.013
9.540
809.00
9.87
218.87

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on hand in M. & R. Department, January 31, 1917.

	Fine ounces
<u>Gold</u>	
Refined	61,247.968
Unrefined	<u>1,419,841.120</u>
Total	1,481,089.088

<u>Silver</u>	
Refined	494,100.79
Ingots	66,453.30
Unrefined	<u>559,235.42</u>
Total	1,119,789.51

	Troy ounces
<u>Minor Coinage Metal</u>	
Copper	1,591,887.68
Nickel	166,694.38
Tin	123,509.94
Zinc	<u>179,289.06</u>
Total	2,061,381.06

Respectfully,

John Wilson

Supt. M. & R. Department.

February 3, 1917.

Gain & Loss in gold and Silver in Melting GOLD ANODES. Denver Mint, January, 1917.

Melt Bars	Weight	Before Melting				After Melting				Fine ounces			
		Fineness		Fine ounces		Fineness		Fine ounces		Gold		Silver	
		Gold	Silver	Gold	Silver	Gold	Silver	Gold	Silver	Gain	Loss	Gain	Loss
38 *	6	5993.23	.9285	.0634	5564.813	379.74	5992.58	.9282	.0625	5562.312	374.53	3.501	5.21
9	8	5986.93	.9242	.0685	5533.562	410.21	5986.53	.9244	.0685	5533.948	410.07	.586	.14
40	7	5844.74	.8804	.1133	5145.466	662.20	5843.21	.8800	.1125	5142.024	657.36	3.442	4.84
1	7	5882.57	.8802	.1069	5178.079	629.13	5879.73	.8804	.1045	5176.514	614.43	1.565	14.70
2	7	5217.65	.8847	.0961	4616.054	501.41	5214.99	.8854	.1065	4617.352	555.39	1.298	53.98
	28925.12				26037.774	2592.89	28917.04			26032.150	2611.78	1.884	24.89
												7.508	53.98
												1.884	24.89
												5.624	
													29.09

* No. 37, Special

Apparent loss, Gold
gain, Silver

SILVER ANODES

349	7	5689.60	.3788	.5264	34483.012	47631.29	90934.23	5686.00	.3790	.5260	34489.023	47639.85	15.495	9.484	92.69	34.13
350	7	5692.79	.3785	.5274	2155.398	2995.11	5689.03	.3788	.5275	2154.994	2990.83	.457	.404			4.28
1	8	5697.68	.3787	.5281	2157.891	3002.35	5696.55	.3790	.5295	2158.004	3000.96	1.101				1.39
2	7	5686.15	.3791	.5255	2155.560	2987.72	5683.53	.3798	.5260	2158.992	3016.32	3.054				
3	8	5690.83	.3787	.5314	2155.364	3024.29	5689.05	.3791	.5305	2156.604	2989.53	1.354				
4	8	5694.93	.3786	.5301	2155.867	3019.07	5691.35	.3786	.5295	2154.745	3013.56					
5	7	5691.67	.3790	.5260	2155.038	2993.81	5688.30	.3793	.5250	2157.572	2986.35	1.122				
6	7	5685.85	.3791	.5267	2155.502	2994.62	5682.39	.3796	.5270	2157.035	2994.61	.534				
7	7	5689.88	.3788	.5293	2155.082	3011.51	5688.06	.3789	.5300	2155.205	3014.67	1.535				
8	8	5695.45	.3785	.5245	2155.981	2986.01	5693.36	.3784	.5235	2154.374	2980.48	.123				
9	9	5688.90	.3790	.5259	2155.792	2991.68	5686.28	.3780	.5265	2149.413	2993.82	1.607				
330	9	5684.86	.3790	.5246	2154.652	2982.38	5682.87	.3789	.5280	2153.012	3000.23	6.379				
1	7	5678.60	.3798	.5233	2157.064	2971.61	5677.82	.3797	.5260	2155.868	2980.85	1.840				
2	7	5686.80	.3792	.5234	2156.360	2976.24	5685.47	.3793	.5235	2156.498	2987.71	1.196				
3	8	5683.96	.3790	.5251	2154.407	2984.33	5680.38	.3792	.5245	2154.000	2979.35	.138				
4	7	5690.30	.3787	.5188	2154.898	2951.85	5689.98	.3795	.5185	2158.987	2949.73	.407				
5	7	5690.84	.3787	.5330	2155.403	2935.22	5687.37	.3792	.5315	2156.650	2922.83	4.071				
6	9	5698.29	.3783	.5228	2155.754	2978.82	5693.14	.3795	.5220	2155.938	2973.38	1.247				
7	7	5695.61	.3788	.5340	2157.468	3041.68	5693.57	.3791	.5330	2158.432	3034.67	.234				
8	7	5680.87	.3796	.5221	2156.439	2966.25	5679.97	.3795	.5325	2155.121	2967.20	.966				
9	7	5690.98	.3798	.5251	2155.515	2988.06	5689.15	.3791	.5255	2156.756	2989.64	1.308				
370	8	5690.65	.3789	.5233	2156.171	2977.67	5686.79	.3793	.5240	2157.758	2980.92	1.241				
1	7	5687.97	.3789	.5222	2154.691	2971.10	5685.03	.3790	.5220	2154.626	2967.58	1.587				
2	6	5682.89	.3792	.5218	2154.864	2965.34	5680.38	.3791	.5230	2153.432	2970.83	.065				
3	7	5686.83	.3790	.5235	2155.337	3033.83	5694.64	.3796	.5320	2157.889	3024.22	2.552				
4	8	5688.83	.3787	.5236	2154.995	2978.91	5687.15	.3788	.5230	2154.292	2974.37	1.432				
5	7	5689.31	.3788	.5246	2155.363	3041.41	5686.74	.3789	.5230	2154.705	3031.03	.703				
6	7	5686.29	.3788	.5206	2154.503	2981.25	5687.54	.3792	.5200	2156.715	2987.52	.658				
7	8	5695.67	.3789	.5238	2157.379	2982.20	5691.14	.3787	.5230	2155.234	2976.46	2.212				
8	8	5689.31	.3794	.5211	2158.527	2964.97	5688.25	.3795	.5215	2158.690	2966.42	2.144				
9	8	5694.20	.3789	.5259	2157.677	2994.40	5692.54	.3797	.5230	2161.381	2977.09	.183				
380	8	5683.90	.3793	.5230	2155.752	2972.41	5682.05	.3799	.5230	2158.610	2971.71	3.704				
1	8	5691.73	.3792	.5229	2158.252	2976.40	5689.94	.3795	.5235	2159.066	2972.62	2.858				
2	9	5687.55	.3790	.5240	2155.503	2980.18	5685.95	.3791	.5225	2155.643	2970.90	.814				
3	9	5683.93	.3788	.5275	2156.271	3001.81	5691.86	.3788	.5280	2153.114	3005.35	.040				
4	9	5683.13	.3789	.5215	2156.990	3023.25	5690.57	.3793	.5210	2157.834	3081.38	.874				
					112007.554	155348.75	295679.93			112114.900	155343.32	.46.352				
												28.708				

All of the Silver Anodes in January were Portland Melts
Respectfully submitted, Feb. 7, 1917.

Melting Gain, Gold
Loss Silver
Month's Recoveries

Apparent Gains

Supt. W. & R. Dept.

6.636
24.312
3.83

17.646
46.352
28.708
35.706
166.00
137.43
162.00

.157
3.54
4.56

5.45
9.26

9.28

7.0

3.78

5.74

10.38

3.71

4.54

10.38

3.71

4.54

10.38

3.71

4.54

10.38

3.71

4.54

10.38

3.71

Denver Mint --- Ingot Work.

Kind of Melt.	Number of ounces per melt.	Number of melts per day.	Size of Ingot.	Weight of Ingot.	Number of ingots per melt.	Average number pieces
GOLD						
D. E.	6,175	2	$\frac{1}{8}$ " x 2-5/8" x $1\frac{1}{2}$ "	147 ozs.	42	
E.	"	"	$\frac{1}{8}$ " x 2-1/16" x $1\frac{1}{2}$ "	118 "	52	
$\frac{1}{2}$ E.	"	"	$\frac{1}{8}$ " x 1-19/32" x $1\frac{1}{2}$ "	89 "	69	
$\frac{1}{4}$ E.	"	"	$\frac{7}{16}$ " x 1-25/64" x $1\frac{1}{2}$ "	70 "	89	
SILVER						
$\frac{1}{2}$ D.	4,060	2	$\frac{1}{8}$ " x 2-5/16" x $1\frac{1}{2}$ "	76 "	53	
$\frac{1}{4}$ D.	"	"	$\frac{1}{8}$ " x 1-7/8" x $1\frac{1}{2}$ "	61 "	66	
Dime	"	"	$\frac{7}{16}$ " x 1-25/64" x $1\frac{1}{2}$ "	40 "	100	
MINOR						
Nickel	3,400	3	$\frac{7}{16}$ " x 2-13/32" x $1\frac{1}{2}$ "	60 "	56	
Bronze	3,600	3	$\frac{7}{16}$ " x 2-13/16" x $1\frac{1}{2}$ "	60 "	47	

Denver Mint -- Refinery Work

Kind of Melt	Approx. Wt. ounces	No. of Melts	Av. Fineness--1916 Gold Silver Base	Size of Anodes	Approx. Wt. of Anodes	Approx. No. of Anodes
Gold Chl. Anodes	5930	3 to 4	.9351 .0570 .0079	3/8"x3 1/2"x8"	80 ozs.	73
Gold "	5850	2 " 4	.8901 .0982 .0117	Same	Same	Same
Silver "	5650	3 " 4	.8766 .5306 .0988	3/8"x2 3/4"x16"	110 ozs.	52

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on Hand in M. & R. Department, February 28, 1917

Gold

	Fine ounces
Refined	38,360.006
Unrefined	<u>1,383,204.343</u>
Total	1,421,564.349

Silver

Refined	598,531.23
Ingot	33,176.88
Unrefined	<u>499,878.68</u>
Total	1,131,586.79

Troy ounces

Minor Coinage Metal

Copper	1,602,124.78
Nickel	147,067.04
Zinc	173,283.97
Tin	119,519.87
Ingot, Nickel	13,707.90
" Bronze	<u>17,709.80</u>
Total	2,073,413.36

Respectfully,

John W. McLean

Supt. M. & R. Department.

March 1, 1917.

gain & loss in gold and silver in melting gold anodes, Denver Mint, February, 1917.

Melt Bars	Weight	Before Melting		Weight	After Melting		Fine ounces						
		Fineness			Fineness		Gold Silver						
		Gold	Silver		Gold	Silver	Gain	Loss					
43	8	5890.55	.8795	1.064	5180.923	626.48	5887.94	.8799	1.080	5180.798	635.89	.125	9.41
4	8	5913.81	.8915	.0962	5271.962	568.81	5911.11	.8920	.0985	5272.710	582.24	.748	13.43
5	10	5923.20	.9483	.0460	5617.079	272.63	5922.62	.9497	.0500	5618.769	296.13	1.710	23.50
8	*10	5918.72	.8908	.0950	5272.181	562.43	5914.45	.8913	.0995	5271.549	588.48	.632	26.05
9	7	5928.28	.8890	.0976	5270.201	578.58	5925.78	.8886	1.000	5265.648	592.57	4.552	13.99
		29574.56			23612.346	2608.93	29561.90			28609.494	2895.31	2.458	86.38
												5.310	
												2.458	
												2.852	
													86.38

* Nos.46, 47, Special

Apparent melting loss, gold
" " gain, Silver

* Nos. 46, 47, Special

SILVER ANODES

385	7	5688.25	.3788	.5230	2154.681	2974.76	5686.18	.3793	.5220	2156.768	2968.18	2.087	6.58
6	7	5684.75	.3792	.5221	2155.602	2968.06	5682.75	.3796	.5200	2157.171	2955.03	1.569	13.03
7	8	5690.50	.3791	.5227	2157.538	2974.55	5688.86	.3799	.5215	2161.197	2966.74	3.659	7.81
8	7	5694.07	.3788	.5270	2157.170	3000.12	5690.42	.3789	.5270	2156.100	2998.85	4.767	1.27
9	5	5705.70	.3784	.5264	2159.035	3003.56	5701.72	.3795	.5305	2163.802	3024.76		21.20
390	7	5718.00	.3786	.5221	2165.092	2985.50	5713.46	.3788	.5270	2164.258	3010.99	.834	25.49
1	6	5698.95	.3787	.5261	2158.358	3055.06	5694.95	.3793	.5385	2160.094	3066.73	1.736	11.67
2	7	5664.91	.3811	.5237	2158.895	2966.83	5661.09	.3823	.5230	2164.234	2960.75	5.339	6.08
3	7	5645.15	.3818	.5237	2155.350	2956.36	5641.09	.3815	.5275	2152.075	2975.67	3.275	19.31
4	6	5725.50	.3780	.5263	2163.615	3011.92	5719.17	.3786	.5295	2165.277	3028.30	1.662	16.38
5	9	5641.25	.3821	.5268	2155.429	2971.87	5637.19	.3831	.5305	2159.607	2990.52	4.178	18.65
6	8	5660.68	.3807	.5427	2155.058	3072.21	5656.47	.3815	.5465	2157.943	3091.26	2.885	19.05
7	9	5693.14	.3788	.5513	2156.321	3138.39	5690.49	.3792	.5500	2157.833	3129.76	1.512	
8	7	5698.09	.3784	.5221	2155.984	2974.50	5692.98	.3788	.5220	2156.500	2971.73	.516	8.63
9	6	5673.25	.3804	.5463	2158.200	3099.03	5671.26	.3806	.5455	2158.481	3093.67	.281	2.77
400	8	5695.33	.3790	.5356	2158.393	3050.20	5692.83	.3792	.5355	2158.721	3048.51	1.392	5.87
1	7	5694.09	.3792	.5697	2159.306	3243.90	5691.37	.3797	.5710	2161.013	3249.77	1.786	.80
2	6	5677.33	.3797	.5661	2155.678	3214.17	5675.15	.3796	.5665	2154.236	3214.97		2.68
3	6	5614.46	.3839	.5583	2155.229	3134.60	5612.31	.3837	.5590	2153.443	3137.23		2.88
4	8	5664.57	.3807	.5313	2156.589	3009.54	5662.45	.3809	.5320	2156.827	3012.42	9.337	143.98
forward	11	5625.97			43151.522	60805.13	113562.19			43175.630	60895.89	32.465	55.32

Fwd. 17425.97

405	78	5690.25	.3793	.5434	2158.815	3092.92	5687.74	.3795	.5425	2158.497	3085.59	32.465	8.557	143.98	53.22
6	6	5682.60	.3800	.5668	2159.413	3220.73	5680.04	.3801	.5665	2158.983	3217.74		.318		7.33
7	7	5645.38	.3816	.5617	2154.293	3171.06	5643.59	.3820	.5610	2155.851	3166.05	1.558	.430		2.99
8	8	5674.36	.3802	.5516	2157.221	3129.99	5671.79	.3805	.5505	2158.116	3122.32	.895			5.01
9	8	5693.35	.3789	.5328	2157.080	3033.32	5691.52	.3793	.5200	2158.793	3016.50	1.713			7.67
410	7	5698.90	.3788	.5236	2158.490	2983.93	5696.64	.3789	.5230	2158.456	2979.34		.034		16.82
1	8	5707.14	.3782	.5253	2158.241	2997.81	5705.22	.3789	.5255	2161.707	2998.09	3.466		.28	4.59
2	8	5687.21	.3791	.5306	2156.221	3017.61	5682.85	.3797	.5310	2157.778	3017.59	1.557			.02
3	8	5686.25	.3792	.5271	2156.043	2997.22	5682.88	.3795	.5260	2156.652	2989.19	.609			8.03
4	9	5695.14	.3787	.5076	2157.004	2891.03	5690.26	.3792	.5075	2157.746	2887.80	.742			3.23
5	8	5691.00	.3793	.5194	2158.281	2955.94	5689.23	.3797	.5180	2160.200	2947.02	1.919			8.92
6	8	5687.05	.3794	.5250	2157.546	2985.92	5685.13	.3794	.5245	2156.938	2981.85		.608		4.07
7	9	5691.45	.3789	.5197	2156.332	2957.94	5690.00	.3799	.5195	2161.631	2955.95	5.299			1.99
8	7	5696.90	.3784	.5279	2155.671	3007.45	5695.46	.3792	.5265	2159.718	2998.65	4.047			8.80
9	7	5695.98	.3788	.5245	2157.843	2987.41	5692.88	.3792	.5230	2158.740	2977.37	.897			10.04
420	8	5683.43	.3793	.5215	2155.811	2963.91	5680.78	.3798	.5220	2157.560	2965.36	1.749		1.45	7.76
1	7	5688.89	.3790	.5216	2156.016	2963.56	5686.46	.3794	.5205	2157.442	2959.80	1.426			.80
2	10	5695.05	.3792	.5235	2159.512	2995.20	5692.79	.3795	.5260	2160.413	2994.40	.901		6.95	2.80
3	9	5695.50	.3789	.5235	2157.796	2981.80	5692.86	.3793	.5250	2159.301	2988.75	2.733			5.15
4	8	5694.85	.3790	.5262	2158.223	2996.38	5691.22	.3797	.5260	2160.956	2993.58	1.119			14.80
5	7	5672.32	.3795	.5267	2152.652	2987.57	5667.82	.3800	.5245	2153.771	2972.77	1.119			5.15
6	7	5705.85	.3782	.5275	2163.869	3009.82	5701.48	.3798	.5270	2165.422	3004.67	1.553		4.56	1.53
7	12	5669.29	.3806	.5261	2157.573	2982.34	5667.38	.3810	.5270	2159.271	2986.70	1.037			
8	10	5683.39	.3795	.5236	2156.815	3177.51	5683.86	.3798	.5305	2162.708	3015.28	5.598			
9	71	5687.85	.3793	.5236	2157.110	2977.78	5706.48	.3787	.5340	2161.043	3047.28	4.021			
430	7	5712.29	.3776	.5234	2157.022	3046.83	5711.00	.3783	.5240	2160.471	2992.56	1.593			7.92
1	6	5714.28	.3778	.5251	2158.878	3000.48	5676.74	.3804	.5240	2159.431	2974.81	2.879			
2	10	5693.87	.3794	.5225	2156.552	2969.96	5693.64	.3788	.5230	2156.826	2977.87	3.233	1.244		4.65
3	7	5697.15	.3788	.5221	2159.070	2974.42	5681.32	.3802	.5285	2160.037	3002.57				3.45
4	8	5684.35	.3794	.5279	2156.804	3000.96	5692.35	.3789	.5285	2156.831	3008.40		.517		1.61
5	7	5694.91	.3786	.5282	2157.348	3007.92	5674.69	.3807	.5210	2160.354	2956.51				.47
6	8	5677.19	.3794	.5235	2153.898	2971.81	5674.69					6.456			15.30
		295689.59			112183.965	157247.87	295330.04			112265.126	157254.01	92.668	11.508	205.13	198.79

Respectfully submitted, March 7, 1917.

Apparent melting gains
Month's recoveries
Apparent Total Gains

81.160
4.402
85.562
12.13

Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on hand in M. & R. Department, March 31, 1917

Fine ounces

Gold

Refined	24,118.204
Unrefined	<u>1,343,187.470</u>
Total	1,367,305.674

silver

Refined	698,887.83
Unrefined	<u>535,998.40</u>
Total	1,234,886.23

Troy ounces

Minor Coinage Metal

Copper	1,747,098.18
Nickel	133,911.14
Zinc	165,153.10
Tin	114,099.29
Ingots (Bronze)	<u>29,786.10</u>
Total	2,189,047.81

Respectfully,

Joachim

April 3, 1917.

Supt. M. & R. Dept.

March/17, page 2

Fwd. 96585.27 36668.723 51160.15 96533.66 36668.334 51228.80 11.624 7.013 81.67 13.02

454	8	5696.73	.3786	.5234	2156.902	2981.54	5695.00	.3790	.5235	2158.405	2981.33	1.503							
5	8	5692.69	.3786	.5272	2155.221	2995.32	5691.92	.3787	.5270	2155.530	2999.64	.309							.21
6	7	5698.97	.3786	.5229	2157.449	2980.02	5687.04	.3789	.5220	2158.608	2973.85	1.109							6.17
7	8	5687.83	.3792	.5208	2156.749	2981.95	5685.82	.3795	.5205	2157.768	2959.46	1.019							2.49
8	7	5693.16	.3790	.5240	2157.617	2982.94	5690.72	.3791	.5240	2157.351	2981.93								1.01
9	6	5695.70	.3792	.5223	2160.091	2974.79	5693.24	.3791	.5230	2158.307	2977.56								
460	7	5689.83	.3792	.5223	2158.111	2971.89	5687.88	.3796	.5240	2159.119	2980.44	1.008							
1	8	5634.90	.3831	.5188	2158.752	2923.37	5632.81	.3826	.5215	2160.745	2937.51	1.983							
2	8	5682.81	.3800	.5213	2159.436	3019.23	5680.27	.3804	.5305	2160.774	3013.38	1.338							
3	7	5661.94	.3814	.5207	2159.543	2948.11	5659.55	.3813	.5250	2157.986	2971.26								
4	11	5681.70	.3798	.5278	2157.575	2998.91	5679.54	.3800	.5285	2158.225	3001.63	.650							
5	7	5682.34	.3791	.5223	2154.232	2967.68	5680.35	.3793	.5255	2154.566	2985.02	.324							
6	8	5691.75	.3790	.5247	2157.142	2986.37	5689.41	.3792	.5255	2157.424	2989.78	.780							
7	8	5691.97	.3790	.5228	2157.482	2975.69	5688.62	.3794	.5225	2158.262	2972.30	.919							
8	8	5695.30	.3788	.5220	2156.493	2972.05	5692.38	.3790	.5220	2157.412	2971.42	.104							
9	8	5699.47	.3785	.5314	2157.424	3028.76	5693.36	.3798	.5300	2158.538	3020.13								
470	9	5683.19	.3792	.5236	2156.580	2975.77	5681.25	.3790	.5215	2153.193	2962.77	2.387							
1	7	5682.05	.3795	.5048	2156.279	2868.37	5679.76	.3800	.5050	2158.308	2868.27								
2	7	5684.44	.3795	.5220	2157.055	2975.76	5682.45	.3796	.5210	2157.058	2980.55	.003							
3	11	5680.50	.3797	.5232	2156.724	2975.76	5677.56	.3798	.5300	2156.337	3009.10	.447							
4	7	5688.85	.3794	.5306	2158.418	3132.43	5686.23	.3797	.5370	2159.061	3167.23	.643							
5	8	5642.70	.3820	.5311	2155.414	2996.73	5640.11	.3823	.5355	2156.214	3020.27	.800							
6	57	5691.00	.3793	.5212	2158.248	2965.84	5689.42	.3796	.5285	2159.703	3006.85	1.455							

227313.07 86281.780 119711.16 227213.35 86297.218 119940.48 28.932 13.454 290.76 61.44

Apparent Gains
Month's recoveries

13.454
15.458
3.547
18.985
233.90

Respectfully submitted, April 3, 1917.

Supt. W. & R. Department.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion on hand in M. & R. Department, April 30, 1917

Fine ounces

Gold

Unrefined, Total 1,378,623.728

Silver

Refined 707,081.26

Unrefined 521,565.33

Total 1,228,646.59

Troy ounces

Minor Coinage Metal

Copper 1,348,061.88

Nickel 133,911.14

Zinc 152,561.96

Tin 105,698.53

Ingots (Bronze) 28,917.70

Total 1,769,141.21

Respectfully,

Joe W. Wilson
Supt. M. & R. Department.

May 2, 1917.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on hand at close of business, May 31, 1917.

fine ounces

Gold

Unrefined, Total 1,480,370.989

Silver

Refined 698,189.05

Unrefined 590,572.70

Total 1,288,761.75

Troy ounces

Minor Coinage Metal

Copper 1,060,909.63

Nickel 70,853.62

Zinc 149,457.87

Tin 103,635.79

Total 1,384,856.91

Respectfully,

Joe W. Wilson

Superintendent Melting & Refining Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on hand at close of business, June 30, 1917.

<u>Gold</u>	Fine ounces
Unrefined, Total	1,498,533.449
<u>Silver</u>	
Refined	698,189.05
Unrefined	<u>601,420.89</u>
Total	1,299,609.94

	Troy ounces
<u>Minor Coinage Metal</u>	
Copper	852,874.19
Nickel	53,446.90
Zinc	144,537.39
Tin	100,355.47
Nickel Ingots	27,365.00
Bronze "	<u>28,811.70</u>
Total	1,207,390.65

Respectfully,

Joseph M. Wilson
Supt. M. & R. Dept.

The Superintendent of the Melting and Refining Department of the Denver Mint received, operated upon, and returned Gold and Silver Bullion, and Minor Coinage Metal, during the fiscal year 1917, as follows:

Receipts Items	Gold Acct. Fine ozs.	Silver Acct. Fine ozs.	Nickel Acct. Troy ozs.	Bronze Acct. Troy ozs.
Set'tment Bullion of June 30, '16	1,235,254.833	2,949,723.25	1,488,164.23	1,030,517.29
Deposits	906,064.423	748,336.43		
Re-Deposits	617,567.029	200,554.04		
Clippings		1,111,082.48	894,837.40	956,253.70
Condemned Coin		201,787.88	92,094.10	93,681.30
Uncurrent "		676,518.92		
Coiner's Bars	7.904	470.38		
Proof Metal	123.375			
Exchange Bars	353.556	90,390.68		
Miscellaneous	112.338	126.37		
Refinery Copper				13,428.33
Ingot			1,070,351.38	2,138,244.45
Nickel			291,666.67	
Zinc				218,633.33
Tin				147,714.18
Surplus	56.124			
Total Dr.	2,759,539.582	5,978,990.43	3,837,113.78	4,598,472.98

Returns Items				
Ingot's prior to settlement		4,083,590.22	3,267,634.10	3,679,522.00
" at "			27,365.00	28,811.70
Fine bars	1,721.019	593,558.92		
Certificate bars	1,258,369.159			
Unparted "	1,451,225.402	519,063.34		
Overcharge		44.97		
Settlement bullion	47,309.626	81,755.05		
" "				
Fine silver		698,188.61		
Sweeps	914.376	2,277.70		
Ingot copper			359,163.65	493,710.54
Nickel			53,446.90	
Zinc				144,537.39
Tin				100,355.47
Copper to Alloy			98,986.65	135,614.75
Wastage		511.62	30,517.48	15,921.13
Total cr.	2,759,539.582	5,978,990.43	3,837,113.78	4,598,472.98

Respectfully submitted, June 30, 1917.

John W. Milcom
Superintendent M. & R. Department.

Refinery Operations, Denver Mint, Fiscal Year, 1917.

Gold Account

	Delivered to Refinery	Returned from Refinery
Crude Bullion, with charges	1,259,591.789	
Bullion, .992 and over	5,908.982	
Bullion without charges	43,938.403	
Fine bars		
Settlement bullion, sweeps, &c.,		1,260,606.431
Surplus		48,874.856
	42.113	
	1,309,481.287	1,309,481.287

Silver Account

Crude Bullion, with charges	1,119,871.90	
Bullion, .998 and over	306.70	
Bullion without charges	377,968.46	
Fine bars		
Settlement bullion, sweeps, &c.,		1,412,708.68
		84,131.65
Wastage		1,306.73
	1,498,147.06	1,498,147.06

By-Products

	Troy ozs.	Estimated Value
Electrolytic Copper	4,404.16 (at 33¢ lb.)	99.66
Platinum Sponge	36.30 (at \$105)	3,811.50
Palladium "	8.95 (at \$60)	537.00
Charges collected on bullion operated upon		77,774.42
Total Earnings, including estimated value of by-products		\$82,222.58

Respectfully submitted, June 30, 1917.

J. C. Milson
Superintendent Melting & Refining Department.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on hand at close of business, July 31, 1917.

<u>Gold</u>	Fine ounces
Refined	94,433.257
Unrefined	<u>1,591,511.886</u>
Total	1,685,945.143
<u>Silver</u>	
Refined	469,870.72
Dime Ingots	51,138.14
Unrefined	<u>650,020.01</u>
Total	1,171,028.87
	Troy ounces
<u>Minor Coinage Metal</u>	
Copper	725,230.61
Nickel	165,011.08
Zinc	143,753.09
Tin	99,832.60
Nickel Ingots	<u>6,896.90</u>
Total	1,140,724.28

Respectfully,

J. H. Milham
Supt. M. & R. Dept.

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, September July, 1917.

Melt Bars	Weight	Before Melting				After Melting				Fine ounces			
		Fineness	Gold	Silver	Weight	Fineness	Gold	Silver	Weight	Gain	Loss	Gain	Loss
2	7	5849.78	.9860	.0292	5650.927	170.61	5847.18	.9663	.0310	5650.130	181.26	.797	10.65
3	7	5882.99	.9884	.1016	5226.328	597.59	5880.45	.9886	.1040	5225.367	611.56	.961	13.97
4	7	5899.07	.9923	.0992	5263.424	585.38	5896.29	.9927	.1030	5263.618	607.31	.194	21.92
5	10	5837.22	.9590	.0292	5597.998	201.63	5835.76	.9591	.0375	5597.077	218.84	.921	17.21
6	9	5800.81	.9912	.0991	5169.421	575.11	5799.24	.9911	.1020	5167.702	591.52	1.719	16.41
7	7	5844.12	.9898	.1021	5199.765	596.91	5843.92	.9895	.1025	5198.166	599.00	1.599	2.09
8	8	5960.67	.9582	.0336	5711.549	201.26	5959.11	.9582	.0370	5710.019	220.49	1.530	19.22
9	8	5921.48	.9723	.0222	5819.075	132.64	5980.58	.9729	.0250	5818.506	149.51	.569	16.87
10	15	5862.10	.9887	.0981	5209.835	574.78	5861.58	.9889	.1020	5210.358	597.88	1.360	23.10
11	7	5954.98	.9689	.0251	5769.599	149.24	5953.39	.9689	.0285	5768.239	169.67	9.456	20.45
		58873.22			54617.921	3785.15	58857.50			54609.182	3947.03	.717	161.68

Gold loss		Month's recoveries		Total Gold loss		Silver gain	
8.739	2.662	6.077	162.32	8.739	2.662	6.077	162.32
7.39	1.15	1.596	7.39	7.39	1.15	1.596	7.39
9.98	6.4	1.771	9.98	9.98	6.4	1.771	9.98
5.26	33.57	1.145	5.26	5.26	33.57	1.145	5.26
12.32	12.97	3.448	12.32	12.32	12.97	3.448	12.32
5.18	7.01	.670	5.18	5.18	7.01	.670	5.18
19.92	24.07	.817	19.92	19.92	24.07	.817	19.92
26.80	10.7	.027	26.80	26.80	10.7	.027	26.80
8.16	23	.059	8.16	8.16	23	.059	8.16
26.87	17.65	1.237	26.87	26.87	17.65	1.237	26.87
17.65	29.19	.748	17.65	17.65	29.19	.748	17.65
15.65		1.565	15.65	15.65		1.565	15.65

SILVER ANODES

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
19	20	17	16	17	16	17	21	17	7	6	7	6	6	8	8	7	7	6	7	6
5698.28	5686.87	5694.15	5617.37	5682.83	5690.64	5686.28	5678.52	5636.30	5636.96	5667.07	5654.65	5697.64	5683.05	5670.40	5699.96	5686.20	5674.34	5682.18	5641.98	5658.81
.3794	.3789	.3809	.3839	.3801	.3792	.3800	.3808	.3826	.3821	.3799	.3814	.3784	.3796	.3803	.3785	.3792	.3804	.3801	.3827	.3806
.5602	.5630	.5632	.5655	.5665	.5460	.5143	.5219	.5396	.5238	.5454	.5494	.5301	.5440	.5410	.5564	.5373	.5457	.5635	.5421	.5211
2161.957	2154.934	2168.718	2156.755	2160.216	2157.850	2160.862	2162.228	2156.257	2153.997	2153.139	2156.351	2155.992	2156.903	2156.536	2157.615	2156.329	2158.663	2159.899	2159.042	2153.889
3191.93	3215.35	3220.83	3176.42	2992.44	3107.31	2963.57	2963.89	3041.45	2952.33	3090.66	3106.43	3020.06	3091.34	3067.76	3171.39	3055.34	3096.34	3201.92	3058.45	2948.57
5696.85	5684.56	5692.68	5615.32	5681.51	5688.50	5683.67	5676.44	5634.28	5626.77	5684.85	5650.54	5692.85	5679.89	5667.71	5694.95	5683.68	5671.39	5674.51	5638.99	5635.78
.3796	.3792	.3808	.3838	.3804	.3792	.3799	.3806	.3825	.3822	.3796	.3815	.3787	.3796	.3805	.3793	.3794	.3804	.3806	.3826	.3811
.5605	.5620	.5625	.5630	.5280	.5480	.5155	.5280	.5420	.5270	.5465	.5510	.5340	.5465	.5460	.5550	.5390	.5460	.5690	.5455	.5285
2162.524	2155.585	2167.772	2155.159	2161.246	2157.079	2159.226	2160.453	2155.112	2150.551	2153.209	2155.681	2155.882	2156.086	2156.563	2160.094	2156.388	2157.396	2159.151	2157.477	2155.417
3193.08	3208.41	3315.98	3161.42	2999.83	3117.29	2929.93	2997.16	3053.77	2965.30	3095.84	3115.44	3039.98	3115.41	2094.56	3160.89	3063.50	3096.57	3228.79	3078.08	2977.76
.567	.651	.946	1.596	1.030	.771	1.656	1.775	1.145	3.448	.070	.670	.110	.817	.027	2.479	.059	1.237	.748	1.565	1.528
1.15	6.4	4.4	15.6	7.39	9.98	5.26	33.57	12.32	12.97	5.18	19.92	24.07	26.80	8.16	23	26.87	17.65	29.19		

22	14	5647.78	.3834	.5273	45318.132	64894.56	119055.72	.3832	.5315	45308.061	65104.77	6.411	16.492	247.70	37.49
23	14	5675.73	.3806	.5205	2165.365	2977.90	5645.53	.3804	.5275	2163.367	3000.59		1.998	22.69	
24	15	5668.75	.3808	.5372	2160.024	2953.99	5674.40	.3804	.5275	2158.541	2993.24		1.483	39.25	
15	14	5624.00	.3834	.5377	2158.530	3045.25	5667.27	.3808	.5400	2158.096	3060.32		.434	15.07	
16	15	5656.32	.3811	.5362	2156.252	3023.77	5621.75	.3834	.5350	2155.378	3007.63		.874		16.14
17	14	5672.11	.3803	.5362	2155.423	3032.67	5653.71	.3807	.5350	2152.367	3024.73		3.056		7.94
28	13	5641.54	.3830	.5359	2157.101	3039.84	5670.23	.3797	.5360	2152.986	3039.24		4.115		.60
29	14	5645.92	.3827	.5690	2160.528	3263.89	5639.26	.3833	.5790	2151.528	3225.31	1.000	1.708	1.24	
30	15	5651.55	.3816	.5582	2156.533	3154.93	5647.74	.3818	.5580	2156.307	3151.43		1.226	12.57	3.50
31	14	5637.13	.3830	.5657	2158.873	3188.66	5634.35	.3829	.5660	2157.392	3189.04		1.481	.38	2.85
32	15	5625.78	.3839	.5902	2159.576	3320.03	5622.69	.3846	.5900	2162.486	3317.38	2.910			9.75
33	14	5663.34	.3814	.5510	2159.912	3120.54	5658.01	.3809	.5490	2155.136	3106.24		4.776	15.36	6.40
34	14	5662.91	.3810	.5356	2157.632	3033.07	5661.64	.3805	.5340	2154.254	3023.31		3.378	12.19	13.89
35	15	5698.34	.3791	.5523	2160.083	3147.04	5698.03	.3787	.5550	2157.843	3162.40		2.240		5.49
36	14	5661.65	.3822	.5466	2163.804	3094.40	5658.64	.3820	.5490	2161.600	3106.59		2.204		1.03
37	13	5697.40	.3791	.5316	2159.750	3028.78	5691.87	.3790	.5310	2157.218	3022.38		2.532		6.97
38	15	5627.76	.3840	.5461	2160.835	3073.50	5624.30	.3838	.5440	2158.606	3059.61		2.229		6.34
9	13	5628.20	.3836	.5722	2158.770	3292.28	5625.18	.3832	.5715	2155.568	3214.79		3.202		
0	14	5687.53	.3793	.5275	2157.236	2952.49	5684.30	.3794	.5275	2156.623	2998.46		.613		
1	14	5684.48	.3804	.5319	2162.634	3023.49	5682.49	.3801	.5355	2159.914	3042.97		2.720	19.39	
2	13	5656.06	.3821	.5277	2161.203	2984.65	5655.62	.3820	.5265	2160.446	2977.68		.757		
3	14	5667.42	.3808	.5416	2158.315	3069.54	5666.21	.3815	.5405	2161.659	3062.58	3.344	3.444	13.79	
4	11	5686.60	.3793	.5331	2156.869	3031.38	5661.19	.3795	.5320	2157.905	3025.04	1.036	.459	10.82	16.17
5	11	5605.82	.3847	.5238	2156.582	2936.57	5604.74	.3849	.5265	2156.879	2950.36	.297	3.444		
6	12	5657.67	.3809	.5182	2154.726	2931.99	5653.43	.3805	.5205	2151.282	2942.81		3.444		
7	9	5697.68	.3785	.5254	2156.382	2993.58	5692.96	.3787	.5230	2155.923	2977.41		.459	10.77	
8	11	5682.40	.3800	.5478	2159.435	3112.95	5679.50	.3799	.5500	2157.642	3123.72		1.793		
9	8	5687.15	.3797	.5441	2159.199	3094.20	5684.43	.3797	.5440	2158.378	3092.32		.821		1.88
0	8	5699.95	.3790	.5353	2160.032	3051.38	5696.68	.3796	.5400	2162.459	3076.20	2.427		24.82	
1	53	5697.55	.3801	.5242	2165.417	2986.31	5695.43	.3801	.5285	2164.852	3010.03		.585	23.72	
2	11	5676.46	.3808	.5133	2161.841	2913.96	5672.80	.3810	.5150	2161.358	2921.49		.505	7.53	
3	10	5692.54	.3791	.5271	2157.871	3000.40	5689.58	.3793	.5275	2158.057	3001.25	.188		.85	
4	11	5701.40	.3797	.5347	2165.015	3046.53	5698.97	.3799	.5370	2165.038	3060.34	.023		11.61	
5	8	5646.35	.3818	.5413	2155.806	3056.55	5631.21	.3809	.5450	2144.927	3069.00		10.879	12.45	
6	8	5709.15	.3783	.5227	2160.000	2983.99	5707.28	.3790	.5285	2163.059	3016.29	3.059		32.30	
7	7	5658.67	.3815	.5406	2157.371	3058.89	5649.97	.3838	.5420	2168.458	3062.28	11.087		3.39	
8	8	5680.05	.3801	.5372	2159.208	3051.52	5674.86	.3803	.5385	2158.149	3055.91		1.059	4.39	
9	7	5663.00	.3809	.5265	2156.757	2981.41	5661.25	.3804	.5260	2153.539	2977.81		3.218		3.60
0	8	5679.15	.3803	.5214	2159.683	2961.20	5670.37	.3802	.5220	2155.874	2959.93		3.789		1.27
1	8	5656.65	.3813	.5139	2156.935	2901.02	5645.42	.3825	.5190	2159.373	2929.97	2.440		28.95	
2	9	5710.95	.3788	.5192	2163.523	2964.81	5705.97	.3810	.5235	2173.974	2987.07	10.451		22.26	
3	9	5691.40	.3795	.5323	2159.740	3029.28	5686.38	.3800	.5330	2160.824	3030.84	1.084		1.56	
4	9	5695.62	.3791	.5071	2159.259	2886.05	5691.36	.3792	.5100	2158.163	2902.59		1.096	14.54	
5	8	5702.38	.3792	.5058	2162.281	2884.06	5696.62	.3806	.5060	2163.133	2882.48	5.852		1.58	

Page 3
Total 368357.33

140331.370 198765.13 368357.33

Gold Loss
Silver Gain
Month's Recoveries
Approx. Gains

140298.811 199210.96 51.607

84.166	609.79	163.96
51.607	163.96	
32.559	445.83	
40.797	59.36	
8.238	505.19	

Respectfully submitted, August 4, 1917.

William
Supt. M. & R. Dept.

GAIN AND LOSS IN MELTING GOLD ANODES FOR FISCAL YEAR 1916-1917

July #3/4	Before melting	11,968.20	11,313.034	571.15
	After "	11,966.50	11,313.521	583.47
		1.70	+ .487	+ 12.32
Aug. #5/12	Before melting	47,599.09	42,698.109	4,376.48
	After "	47,589.08	42,697.853	4,414.21
		10.01	- .256	+ 37.73
Sept. #13/18	Before melting	35,355.54	31,495.712	3,554.92
	After "	35,342.43	31,494.891	3,531.27
		13.11	- .821	- 3.65
Oct. #19/25	Before melting	40,490.80	35,876.113	4,102.68
	After "	40,476.35	35,870.063	4,072.28
		14.45	- 6.050	- 30.40
Nov. #26/29	Before melting	23,182.75	20,504.392	2,467.06
	After "	23,175.59	20,497.792	2,456.37
		7.16	- 6.600	- 10.69
Dec. #31/36	Before melting	23,379.06	21,268.421	1,919.33
	After "	23,372.98	21,262.404	1,863.80
		6.08	- 6.017	- 55.53
Jan. #38/42	Before melting	28,925.12	26,037.774	2,592.69
	After "	28,917.04	26,032.150	2,611.78
		8.08	- 5.624	+ 29.09
Feb. #43/49	Before melting	29,574.56	26,612.346	2,609.93
	After "	29,561.90	26,609.494	2,695.31
		12.66	- 2.852	+ 86.38
Mar. #50/55	Before melting	28,996.41	26,813.537	1,946.86
	After "	28,986.48	26,812.563	2,004.45
		9.93	- .974	+ 57.59

		Losses		Gains	
		G.	S.	G.	S.
July	1.70	-		.487	12.32
Aug.	10.01	.256			37.73
Sept.	13.11	.821	3.65		
Oct.	14.45	6.050	30.40		
Nov.	7.16	6.600	10.69		
Dec.	6.08	6.017	55.53		
Jan.	8.08	5.624			29.09
Feb.	12.66	2.852			86.38
Mar.	9.93	.974			57.59
	83.18	29.194	100.27	.487	223.11
		.487			100.27
Gold Loss		28.707	Silver Gain		122.84

Metal melted for the year	269,471.53	242,619.438	24,110.10
Metal returned " " "	269,388.35	242,590.751	24,232.94
	- 83.18	- 28.707	+ 122.84

GAIN AND LOSS IN MELTING SILVER ANODES FOR FISCAL YEAR 1916-1917

July #2/34	Before melting	181,605.22	68,742.100	103,171.71
	After "	181,553.12	68,732.350	103,315.37
		52.10	- 9.750	+ 143.66
August #35/102	Before melting	379,261.64	144,103.713	200,971.35
	After "	379,126.00	144,169.679	201,108.82
		135.64	+ 65.966	+ 137.47
Sept. #103/158	Before melting	317,527.70	120,484.445	167,914.73
	After "	317,431.67	120,538.642	168,163.31
		96.03	+ 54.197	+ 248.58
Oct. #159/224	Before melting	373,412.01	142,069.543	196,769.15
	After "	373,265.71	142,098.097	197,471.09
		146.30	+ 28.554	+ 701.94
Nov. #225/271	Before melting	266,382.57	101,276.471	143,473.07
	After "	266,242.36	101,290.656	143,726.12
		140.21	+ 14.185	+ 253.05
Dec. #272/332	Before melting	346,021.59	131,518.118	190,251.80
	After "	345,828.02	131,519.645	190,460.80
		193.57	+ 1.527	+ 209.00
Jan. #333/384	Before melting	295,823.15	112,097.254	155,348.75
	After "	295,679.93	112,114.900	155,343.32
		143.22	+ 17.646	- 5.43
Feb. #385/436	Before melting	295,689.59	112,183.965	157,247.67
	After "	295,530.04	112,265.125	157,254.01
		159.55	+ 81.160	+ 6.34
Mar. #437/473	Before melting	227,313.07	86,281.780	119,711.16
	After "	227,213.35	86,297.218	119,940.48
		99.72	+ 15.438	+ 229.32

	Losses		Gains	
	G.	S.	G.	S.
July	52.10	9.750		143.66
Aug.	135.64		65.966	137.47
Sept.	96.03		54.197	248.58
Oct.	146.30		28.554	701.94
Nov.	140.21		14.185	253.05
Dec.	193.57		1.527	209.00
Jan.	143.22	5.43	17.646	
Feb.	159.55		81.160	6.34
Mar.	99.72		15.438	229.32
	<u>1166.34</u>	<u>9.750</u>	<u>278.673</u>	<u>1,929.36</u>
			9.750	5.43
	1166.34	Net Gain	<u>268.923</u>	<u>1,923.93</u>
Metal melted for the year	2,683,036.54		1,018,757.389	1,434,859.39
Metal returned " " "	2,681,870.20		1,019,026.312	1,436,783.32
	- 1,166.34		+ 268.923	+ 1,923.93

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on hand at close of business, August 31, 1917.

Fine ounces

Gold

Refined	189,523.861
Unrefined	<u>1,624,394.696</u>
Total	1,813,918.557

Silver

Refined	493,753.79
Unrefined	<u>604,770.35</u>
Total	1,098,524.14

Troy ounces

Minor Coinage Metal

Copper	1,509,674.99
Nickel	97,075.00
Tin	99,146.68
Zinc	142,724.24
Ingots -- Nickel	6,932.90
" Bronze	<u>21,690.90</u>
Total	1,877,244.71

Respectfully,

Joseph Wilson
Supt. M. & R. Department.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion on hand at close of business September 29, 1917.

Gold	Fine ounces
Refined	147,905.358
Unrefined	<u>1,578,932.516</u>
Total	1,726,837.873

Silver	
Refined	294,080.18
Unrefined	599,142.71
Ingots	<u>79,789.50</u>
Total	973,012.37

	Troy ounces
Minor Coinage Metal	
Copper	1,553,794.50
Nickel	87,812.38
Zinc	138,698.17
Tin	<u>96,462.62</u>
Total	1,676,567.61

Respectfully,

John W. Mills
Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on Hand at Close of Business, October 31, 1917.

	Fine ounces
Gold	
Refined	146,095.122
Unrefined	<u>1,599,685.329</u>
Total	1,745,780.451

Silver	
Refined	1,217,826.00
Unrefined	<u>566,205.59</u>
Total	1,784,031.59

	Troy ounces
Minor Coinage Metal	
Copper	620,016.76
Nickel	505.52
Tin	87,829.91
Zinc	125,749.10
Bronze Ingots	<u>86,531.60</u>
Total	920,632.89

Respectfully,

Joel M. Wilson
Supt. M. & R. Dept.

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, August, 1917.

Melt Bars	Weight	Before Melting				After Melting				Fine ounces			
		Fineness		Fine ounces		Weight	Fineness		Fine ounces	Gold		Silver	
		Gold	Silver	Gold	Silver		Gold	Silver		Gain	Loss	Gain	Loss
12	8	5834.05	.8809	.1057	5139.179	616.37	.8809	.1070	5136.809			623.95	
13	7	5798.95	.8802	.1072	5104.351	621.69	.8806	.1075	5105.093			623.20	
14	7	5908.55	.9732	.0232	5750.302	136.99	.9735	.0255	5750.620	.742		1.51	
15	7	5840.03	.8869	.0962	5179.536	561.78	.8875	.0960	5182.281	.318		150.63	
16	6	5850.36	.8976	.0952	5251.377	556.98	.8981	.0960	5253.516	2.745		560.56	
17	8	5982.30	.9651	.0287	5773.191	171.71	.9651	.0300	5771.809	2.139		561.58	1.22
18	7	5978.18	.9750	.0211	5828.667	126.01	.9754	.0215	5830.394		1.382	179.41	
19	8	5730.25	.8896	.0946	5097.704	541.83	.8896	.0920	5096.803	1.527		128.51	
20	7	5873.32	.8972	.0933	5269.590	548.01	.8974	.0900	5269.254		.901	527.09	
											.536	14.74	
		52795.99			48394.097	3881.37			48396.579	7.471	4.989	37.51	35.52
										4.989		35.52	
										2.482		1.99	
										2.114		.33	
										4.596		2.32	
SILVER ANODES													
66	12	5710.48	.3784	.5355	2160.921	3057.78	.3800	.5340	2168.211	7.290		3046.90	10.88
67	6	5665.36	.3794	.5538	2158.774	3132.41	.3809	.5530	2156.050			3130.20	2.21
68	7	5652.78	.3820	.5094	2159.456	2879.37	.3810	.5090	2152.082		2.724	2875.09	4.29
69	6	5698.28	.3787	.5576	2157.646	3177.15	.3793	.5575	2159.957		7.374	3174.73	2.42
70	6	5672.05	.3809	.5636	2160.393	3196.66	.3810	.5650	2159.808	2.311		3202.86	
71	7	5693.05	.3790	.5463	2157.500	3110.27	.3790	.5450	2156.760			3101.40	6.20
72	6	5697.06	.3786	.5311	2156.579	3025.37	.3790	.5320	2157.290		.585	3028.17	
73	7	5622.76	.3834	.5303	2155.643	2981.59	.3836	.5310	2154.926	.711		2882.96	2.80
74	6	5657.74	.3810	.5478	2155.837	3099.22	.3813	.5465	2156.640		.717	3091.01	1.37
75	6	5678.00	.3800	.5626	2157.839	3194.38	.3802	.5640	2157.790	.803		3200.93	8.21
											.049		5.55
Fwd.		56747.56			21580.588	30854.20			21579.514				
										11.115	12.189	16.92	36.87

Melting Gains
Recoveries
Total gains

August, 1917 - page 2

Fwd. 56747.56

76	10	5700.28	.3784	.5341	2156.708	3044.70	5697.30	.3796	.5335	2156.997	3039.50	11.115	12.189	16.92	36.87
7	8	5701.38	.3780	.5403	2155.155	3080.15	5698.51	.3784	.5390	2156.354	3071.55	1.199	1.320		5.20
8	7	5695.52	.3788	.5379	2156.721	3062.69	5691.58	.3787	.5380	2155.401	3062.07				.62
9	7	5685.20	.3799	.5611	2158.899	3188.94	5680.26	.3803	.5605	2160.202	3185.78	1.303			5.16
80	6	5694.62	.3789	.5713	2157.701	3255.21	5692.23	.3792	.5710	2158.493	3250.26	.792			2.95
1	7	5694.74	.3785	.5417	2155.039	3084.76	5689.40	.3783	.5390	2152.300	3060.89		2.739		23.87
2	8	5683.17	.3796	.5407	2157.253	3072.67	5678.14	.3806	.5420	2161.100	3077.55	3.847			
3	8	5651.64	.3682	.5555	2160.184	3139.48	5647.55	.3824	.5580	2159.623	3151.33		.541	4.88	
4	7	5698.44	.3793	.5613	2164.446	3198.40	5696.62	.3796	.5640	2162.436	3212.89		2.010	11.85	
5	7	5689.84	.3793	.5523	2158.129	3142.50	5687.50	.3795	.5545	2158.406	3153.71	.277		14.49	
6	7	5698.78	.3788	.5766	2158.757	3286.13	5696.83	.3792	.5785	2160.237	3295.61	1.480		9.48	
7	8	5680.35	.3793	.5342	2154.634	3034.69	5675.38	.3793	.5355	2152.671	3039.16	2.772	1.963	4.47	4.26
8	7	5680.48	.3801	.5805	2159.200	3297.18	5677.45	.3808	.5800	2161.972	3292.92	1.505			.85
9	6	5679.02	.3800	.5808	2157.840	3298.03	5675.02	.3805	.5810	2159.345	3297.18				
90	6	5671.40	.3801	.5753	2155.504	3262.46	5669.71	.3800	.5780	2154.489	3277.09	.610	1.015	14.63	1.45
1	7	5680.70	.3795	.5842	2155.984	3318.42	5679.76	.3797	.5840	2156.604	3316.97	.624			5.75
2	6	5696.24	.3789	.5837	2158.336	3325.03	5692.46	.3792	.5830	2158.960	3319.28		.499		7.32
3	7	5662.12	.3809	.5806	2157.294	3287.79	5660.88	.3810	.5795	2156.795	3280.47		.142		9.35
4	7	5701.14	.3783	.5810	2156.726	3312.04	5699.22	.3784	.5795	2156.584	3302.69				
5	106	5688.45	.3803	.5176	2163.382	2944.19	5686.65	.3808	.5215	2165.476	2965.58	2.094		21.39	
6	8	5697.65	.3786	.5268	2157.293	3001.45	5695.65	.3791	.5305	2159.220	3021.54	1.922		20.09	
7	7	5675.32	.3800	.5210	2156.671	2956.88	5674.15	.3804	.5230	2158.446	2967.58	1.775		10.70	
8	6	5667.93	.3807	.5468	2157.617	3098.98	5664.38	.3808	.5480	2156.995	3104.08	9.286	.622	5.10	9.77
9	7	5695.20	.3786	.5248	2156.364	2989.03	5685.62	.3809	.5240	2165.652	2979.26			2.93	
100	7	5702.60	.3785	.5648	2158.355	3220.51	5700.16	.3781	.5655	2165.230	3223.44		3.125		11.10
1	6	5691.88	.3795	.5727	2160.099	3252.55	5689.06	.3793	.5710	2157.860	3248.45		2.239		
2	6	5632.28	.3851	.5634	2157.444	3173.11	5629.34	.3829	.5635	2155.474	3172.13		1.970		.98

Fwd. 210240.93

79842.318 116187.17 210121.82

79852.836 116201.21 40.892 30.374 148.14 134.10

Fwd. 210240.93 79842.316 116187.17 210121.82 79852.836 116201.21 40.892 30.374 148.14 134.10

103	8	5676.07	.3805	.5321	2159.527	3020.03	5674.76	.3805	.5325	2158.111	3021.80	.220	1.416	1.77	
4	7	5671.83	.3806	.5727	2158.647	3248.12	5667.49	.3806	.5735	2157.046	3250.30	.330	1.601	2.18	
5	6	5646.40	.3820	.5420	2153.667	3059.98	5642.58	.3822	.5430	2156.594	3063.92	4.719	.073	3.94	
6	7	5658.96	.3806	.5451	2153.485	3084.54	5654.77	.3806	.5460	2152.205	3087.50	1.985	1.280	2.96	
7	7	5654.46	.3813	.5635	2158.143	3185.93	5652.33	.3815	.5640	2156.363	3187.91	4.420		1.98	
8	5	5657.16	.3816	.5695	2158.535	3221.63	5652.96	.3819	.5700	2158.865	3222.18	1.985		.55	
9	6	5679.11	.3801	.5366	2158.716	3047.07	5675.33	.3812	.5375	2163.435	3050.48	4.719		3.41	
110	6	5660.03	.3814	.5467	2158.798	3094.32	5656.50	.3820	.5455	2160.783	3085.62	1.985			
1	7	5676.28	.3804	.5852	2159.310	3321.85	5673.05	.3807	.5860	2159.730	3324.40	4.20		2.55	8.70
2	6	5701.35	.3791	.5510	2161.348	3141.08	5697.54	.3791	.5515	2159.937	3142.19	1.782	1.409	1.11	
3	6	5681.55	.3802	.5594	2160.065	3178.07	5677.12	.3808	.5590	2161.847	3173.51	.079			4.56
4	6	5649.12	.3823	.5729	2159.519	3238.32	5646.01	.3825	.5725	2159.598	3232.34	.062		3.59	5.98
5	71	5684.75	.3826	.5640	2175.073	3205.48	5674.76	.3833	.5655	2175.135	3209.07	.139		1.36	
6	6	5657.44	.3814	.5834	2157.432	3300.45	5653.80	.3817	.5840	2158.055	3301.81	.377			11.10
7	7	5646.10	.3821	.5700	2157.063	3218.13	5641.22	.3824	.5685	2157.202	3207.03	.068			6.11
8	6	5713.46	.3773	.5742	2155.461	3280.37	5704.30	.3778	.5740	2155.084	3274.26	2.072			7.04
9	6	5684.72	.3789	.5348	2159.723	3040.11	5679.91	.3808	.5340	2162.909	3033.07				
120	6	5662.11	.3809	.5359	2156.440	3034.22	5659.77	.3810	.5370	2156.372	3039.29				
1	9	5672.53	.3804	.5277	2157.771	3050.22	5665.44	.3805	.5380	2155.699	3048.00				
2	8	5628.83	.3834	.5482	2158.105	3085.57	5618.77	.3850	.5470	2163.226	3073.46				

323605.19 123020.144 179240.66 323390.23 123041.032 179229.35

Melting Gain	59.558	38.670	178.61	189.92
" Loss	58.670			178.61
Recoveries	20.888			
Total Gains	15.333			11.31
	36.231	Loss		23.11
				11.80

Respectfully Submitted, Nov. 12, 1917.

Supt. M. & R. Dept.

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, September, 1917.

Melt Bars	Weight	Before Melting				After Melting				Fine ounces				
		Fineness		Fine ounces		Fineness		Fine ounces		Gold		Silver		
		Gold	Silver	Gold	Silver	Gold	Silver	Gold	Silver	Gain	Loss	Gain	Loss	
21	8	5824.40	.9074	.0820	5285.042	477.44	5823.08	.9070	.0815	5281.533	474.58	3.509	13.06	2.86
2	6	5796.93	.8930	.0927	5176.312	537.51	5795.57	.8928	.0950	5174.284	550.57	2.028	17.71	
3	7	5938.89	.9588	.0365	5694.264	216.82	5937.65	.9591	.0395	5694.800	234.53	.536		
4	7	5862.29	.8929	.0932	5234.620	546.40	5861.38	.8931	.0930	5234.798	545.10	.178		1.30
5	8	5818.30	.8894	.0972	5174.739	565.60	5817.44	.8897	.0950	5175.776	552.65	1.037		12.95
6	8	5852.74	.9113	.0783	5333.464	458.11	5851.47	.9113	.0755	5332.444	441.78	1.020		16.33
7	7	5867.92	.9597	.0348	5631.563	204.48	5865.25	.9596	.0390	5628.293	228.74	3.270	24.26	
8	8	5700.88	.9184	.0656	5235.705	373.88	5699.65	.9185	.0660	5235.128	376.17	.577	2.29	
9	6	5968.82	.9032	.0903	5391.141	540.91	5967.88	.9037	.0890	5393.173	531.14	2.032		9.77
30	7	5689.34	.9321	.0621	5489.312	365.94	5686.12	.9318	.0625	5484.688	367.98	4.626	2.04	

58530.49 53646.162 4286.99 58505.49 53634.915 4303.14 3.783 15.030 59.35 43.21

Melting gain 11.247
" Loss 1.557
Recovery 20
Total Gain 16.35
Total Loss 9.690

SILVER ANODES

123	6	5684.53	.3791	.5195	2155.172	2953.01	5680.42	.3793	.5255	2154.606	2985.09	.566	32.08	
4	6	5643.64	.3820	.5415	2156.083	3056.25	5639.82	.3817	.5450	2152.719	3073.70	3.364	17.45	
5	8	5710.67	.3792	.5467	2165.344	3121.93	5706.80	.3792	.5490	2164.018	3133.03	1.326	11.10	
6	8	5651.03	.3819	.5387	2158.210	3044.28	5646.33	.3825	.5420	2159.721	3060.31	1.511	16.03	
7	7	5707.59	.3786	.5426	2160.879	3096.96	5703.44	.3788	.5450	2160.463	3108.37	.416	11.41	
8	9	5693.40	.3789	.5076	2158.168	2890.94	5690.36	.3792	.5135	2157.784	2921.99	.374	31.05	
9	7	5671.50	.3805	.5285	2157.962	2997.46	5667.22	.3811	.5291	2148.344	2982.65	9.618	14.81	
130	7	5704.01	.3790	.5412	2161.981	3086.79	5700.02	.3784	.5430	2156.887	3095.11	5.094	8.32	
1	6	5691.54	.3800	.5243	2162.558	2984.00	5688.11	.3808	.5270	2166.032	2997.63	3.474	13.63	
5	5	5652.44	.3817	.5297	2157.711	2993.81	5649.45	.3813	.5300	2154.135	2994.20	3.576	.39	

56812.35 21594.058 30225.43 56741.97 21574.709 30352.08 4.985 24.334 141.46 14.81

Fwd.	209706.42	79753.577	110717.03	209540.55	79772.814	110899.38	48.521	29.284	290.86	108.51					
133	5	5645.45	.3827	.5379	2160.366	3036.32	5637.36	.3842	.5360	2165.873	3021.62	5.507			
4	6	5663.97	.3807	.5451	2156.509	3087.28	5651.72	.3835	.5410	2167.434	3057.58	10.925			
5	6	5670.79	.3804	.5258	2156.934	2981.46	5667.65	.3802	.5225	2154.840	2961.34				
6	5	5707.01	.3780	.5259	2157.256	3000.82	5703.70	.3782	.5265	2157.139	3002.99				
7	6	5676.84	.3601	.5291	2156.010	3003.43	5673.15	.3804	.5310	2158.066	3012.44	.056	2.094	2.17	
8	6	5705.01	.3784	.5215	2158.789	2975.31	5702.93	.3785	.5315	2158.559	2974.07		.117	9.01	
9	6	5633.60	.3614	.5282	2160.344	2990.42	5659.72	.3615	.5275	2159.183	2995.50		.250		
140	9	5688.74	.3798	.5286	2160.448	3006.78	5686.33	.3802	.5280	2161.942	3002.38	1.494	1.161	5.08	1.24
1	11	5694.12	.3795	.5154	2160.749	2934.50	5689.92	.3799	.5145	2161.600	2927.46	.851			4.40
2	10	5692.47	.3797	.5190	2161.620	2954.39	5680.36	.3810	.5225	2167.646	2972.69	6.026			7.04
3	10	5666.58	.3819	.5199	2164.042	2945.89	5663.90	.3830	.5210	2169.273	2950.89	5.231			
4	9	5665.59	.3809	.5343	2158.292	3027.08	5663.34	.3815	.5385	2160.564	3049.70	2.272			
5	7	5687.79	.3793	.5152	2157.538	2930.52	5682.26	.3796	.5130	2157.365	2923.92		.173	13.40	
6	7	5634.37	.3826	.5631	2156.941	3172.44	5631.06	.3831	.5645	2157.259	3178.72	.318		23.45	
7	62	5653.32	.3820	.5201	2159.562	2939.99	5650.04	.3821	.5245	2158.860	2965.44		.682	3.48	
8	7	5678.98	.3801	.5228	2161.621	2973.18	5680.68	.3808	.5240	2163.202	2976.67	1.581			
9	7	5702.33	.3803	.5175	2159.840	2938.72	5677.29	.3807	.5170	2161.344	2947.29	1.504			
150	7	5694.26	.3795	.5160	2162.959	2942.40	5700.77	.3795	.5170	2163.442	2947.29	.482		4.89	
1	8	5690.74	.3794	.5191	2159.241	2955.77	5691.54	.3800	.5195	2162.785	2956.75	1.728		.98	
2	7	5681.17	.3801	.5200	2159.304	2964.24	5689.38	.3796	.5235	2159.688	3035.28	.447		5.84	
3	7	5683.16	.3797	.5218	2158.140	2965.56	5680.20	.3803	.5190	2159.301	2946.82		.003		
4	7	5691.97	.3796	.5261	2160.533	2994.80	5689.49	.3798	.5260	2160.866	2992.67	.904		7.42	
5	8	5697.78	.3800	.5192	2013.288	2750.62	5694.31	.3804	.5190	2013.955	2747.74	.335		.50	
6	8	5678.42	.3802	.5241	2158.684	2975.89	5674.98	.3803	.5275	2158.194	2993.55	.667		2.13	
7	6	5623.80	.3837	.5219	2157.778	2934.68	5622.04	.3840	.5235	2158.863	2943.13			2.88	
8	6	5669.17	.3810	.5467	2159.674	3039.47	5666.57	.3815	.5475	2161.796	3102.44	1.085	.490	17.66	
9	6											2.122		8.25	

September, 1917 - page 3

Fwd. 209706.42 79753.577 110717.02 209540.55

79772.814 110899.38 48.521 29.284 290.86 108.51

160	57	5647.20	.3818	.5321	2156.237	3004.65	5644.20	.3816	.5320	2153.826	3002.71	75.093	36.802	308.67	197.22
1	8	5638.05	.3824	.5177	2156.020	2919.06	5635.67	.3826	.5165	2156.207	2910.62	36.802			
2	7	5687.97	.3806	.5182	2164.925	2947.72	5685.66	.3805	.5180	2163.393	2945.17	38.291		111.45	
3	6	5657.48	.3818	.5276	2159.953	2984.96	5654.90	.3820	.5275	2160.171	2982.95	6.875		9.44	
4	8	5654.58	.3815	.5414	2156.317	3061.55	5652.26	.3813	.5400	2155.206	3052.22	45.166		120.89	
5	7	5696.78	.3795	.5171	2162.212	2945.72	5694.87	.3795	.5155	2161.203	2935.70				
6	8	5692.34	.3799	.5206	2162.692	2965.61	5689.68	.3810	.5185	2167.768	2950.09				
7	8	5692.93	.3794	.5208	2159.700	2964.81	5690.58	.3804	.5210	2164.696	2984.79				
8	8	5687.90	.3803	.5136	2162.999	2921.24	5685.60	.3813	.5145	2167.919	2925.24				
9	8	5692.58	.3796	.5205	2160.923	2963.14	5689.96	.3801	.5210	2162.753	2964.46				
170	9	5698.90	.3795	.5202	2162.801	2964.36	5695.78	.3802	.5200	2165.535	2961.80				
1	9	5700.77	.3792	.5173	2163.024	2947.04	5698.94	.3800	.5160	2165.597	2940.65				
2	8	5695.98	.3792	.5176	2160.559	2948.45	5692.45	.3798	.5160	2161.992	2937.30				
3	7	5700.28	.3792	.5242	2161.455	2988.10	5698.80	.3793	.5245	2161.554	2989.02				
4	7	5696.41	.3797	.5253	2163.197	2992.14	5694.68	.3798	.5250	2162.859	2989.70				
5	7	5692.17	.3798	.5204	2161.692	2962.12	5690.27	.3797	.5220	2160.595	2970.32				
6	8	5694.43	.3794	.5152	2160.233	2933.84	5692.27	.3797	.5160	2161.354	2937.21				
7	7	5689.66	.3796	.5204	2159.529	2961.05	5697.95	.3797	.5175	2159.714	2943.51				

312020.91 118646.845 164091.59 311815.07 118685.136 164203.04 75.093 36.802 308.67 197.22

Melting Gains
Recovery
Total Gains

38.291 111.45
6.875 9.44
45.166 120.89

Respectfully submitted, November 13, 1917.

Supt. M. & R. Dept.

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, October, 1917.

Melt Bars	Weight	Before Melting				After Melting				Fine ounces			
		Fineness		Fine ounces		Fineness		Fine ounces		Gold		Silver	
		Gold	Silver	Gold	Silver	Gold	Silver	Gold	Silver	Gain	Loss	Gain	Loss
31	8	5969.05	.9546	.0595	5578.759	354.88	5967.92	.9347	.0610	5578.214	264.04	.545	9.16
2	6	6000.12	.9527	.0606	5598.360	363.59	5997.94	.9523	.0615	5591.879	368.87	4.481	5.28
3	8	5901.28	.9718	.0236	5734.878	139.20	5900.57	.9719	.0255	5734.763	150.46	.115	11.26
4	9	5996.14	.9195	.0664	5513.267	398.12	5994.44	.9196	.0660	5512.487	395.63	.780	2.49
5	7	5872.46	.9067	.0769	5324.279	451.62	5870.81	.9069	.0790	5324.237	463.79	.042	12.17
29739.05		27747.543		1707.41		29731.68		27741.580		1742.79		5.963	
												37.87	
												2.49	

Melting loss
Melting gain
Recovery
Total loss
Total gain
35.47

SILVER ANODES

178	10	5695.07	.3793	.5211	2160.192	2967.97	5692.55	.3795	.5205	2160.322	2962.97	.129	5.00
9	8	5691.46	.3799	.5210	2162.466	3022.22	5690.42	.3803	.5290	2164.066	3010.23	1.600	11.99
180	10	5685.44	.3800	.5268	2160.560	2995.09	5684.15	.3805	.5256	2162.819	2984.17	2.259	10.92
1	6	5685.89	.3802	.5344	2160.982	3037.55	5679.75	.3805	.5365	2161.144	3047.18	.162	9.63
2	7	5677.00	.3812	.5272	2163.886	2993.10	5673.64	.3814	.5300	2163.926	3007.02	.040	13.92
3	5	5680.39	.3800	.5292	2158.328	3005.94	5675.03	.3803	.5295	2158.213	3004.92	.115	1.02
4	66	5687.88	.3793	.5266	2157.494	2994.86	5685.29	.3793	.5300	2156.430	3013.20	1.064	18.34
5	10	5283.72	.3821	.5639	2018.900	2979.48	5281.69	.3823	.5630	2019.190	2973.59	.290	5.69
6	8	5294.47	.3803	.5215	2013.552	2761.17	5292.16	.3807	.5220	2014.725	2782.50	1.173	1.33
7	8	5287.65	.3807	.5221	2013.283	2761.02	5286.11	.3813	.5210	2015.593	2754.06	2.310	6.96
8	9	5276.42	.3812	.5331	2011.145	2812.88	5275.20	.3818	.5340	2014.071	2816.95	2.926	4.07
9	7	5693.27	.3794	.5285	2162.239	3011.96	5685.29	.3805	.5215	2151.837	2949.23	10.402	62.72
190	5	5646.72	.3826	.5348	2160.661	3019.99	5642.04	.3825	.5350	2158.080	3018.49	2.581	1.50
1	10	5689.14	.3794	.5220	2158.450	2969.56	5683.41	.3797	.5310	2157.990	3017.89	.460	48.53
2	7	5675.52	.3807	.5189	2160.783	2945.24	5672.26	.3805	.5190	2158.294	2943.90	2.489	1.54
3	8	5656.70	.3816	.5161	2158.371	2919.26	5653.82	.3816	.5170	2157.497	2923.02	.874	3.76
4	5	5643.18	.3823	.5178	2157.133	2922.18	5639.83	.3825	.5180	2157.254	2921.45	.131	.73
5	6	5643.69	.3830	.5504	2161.361	3106.25	5640.25	.3832	.5470	2161.343	3085.21	.018	21.04

Pwd. 100597.61 38299.787 53225.72 100502.94 38292.794 53195.98 11.010 18.003 99.38 129.12

October, 1917 - page 2

Fwd. 100597.61 36299.787 53225.72 100502.94 38292.794 53195.98 11.010 16.003 99.38 129.12

196	7	5235.31	.3845	.5790	2012.938	3031.20	5232.29	.3835	.5795	2006.583	3032.11								
7	7	5284.57	.3808	.5213	2012.421	2754.56	5282.06	.3810	.5200	2012.464	2746.67	.043	6.255	.91	7.89				
8	7	5298.18	.3801	.5258	2014.003	2785.79	5296.30	.3798	.5260	2011.534	2785.65		2.469	.06	8.05				
9	7	5292.98	.3804	.5228	2013.460	2767.37	5291.14	.3807	.5215	2014.336	2759.32	.878							
200	8	5290.10	.3806	.5214	2013.632	2758.39	5286.52	.3810	.5230	2014.184	2764.84	.532	1.158	6.45	2.03				
1	9	5290.49	.3810	.5202	2015.639	2752.17	5288.74	.3809	.5200	2014.481	2750.14				10.57				
2	8	5286.68	.3808	.5198	2013.389	2747.80	5284.24	.3811	.5180	2013.623	2737.23	.434	.543		.66				
3	7	5299.27	.3801	.5279	2014.099	2797.70	5297.44	.3801	.5280	2013.558	2797.04			9.31					
4	8	5302.71	.3799	.5248	2014.412	2782.08	5297.44	.3805	.5270	2016.140	2792.39	1.728			1.21				
5	8	5292.41	.3804	.5270	2013.191	2789.14	5290.20	.3805	.5270	2013.450	2787.95	.259		4.34					
6	8	5298.29	.3802	.5280	2014.199	2797.28	5296.07	.3802	.5290	2015.154	2801.63	.955		2.09	1.83				
7	8	5299.81	.3800	.5189	2013.829	2749.91	5297.42	.3803	.5195	2014.079	2752.00	.552			3.73				
8	7	5302.62	.3799	.5246	2014.657	2809.76	5294.40	.3808	.5300	2015.738	2806.03								
9	8	5297.19	.3805	.5304	2015.555	2809.76	5286.27	.3810	.5275	2016.107	2788.50			1.97	8.10				
210	7	5290.52	.3807	.5255	2014.063	2780.40	5286.27	.3801	.5220	2014.068	2765.43			1.637	7.54				
1	7	5298.22	.3801	.5202	2014.063	2795.12	5300.24	.3803	.5285	2012.226	2801.17	.311			6.05				
2	64	5304.67	.3800	.5270	2015.370	2844.58	5251.11	.3830	.5400	2011.175	2835.59			1.413	8.99				
3	6	5259.27	.3827	.5409	2012.588	2877.74	5299.19	.3800	.5425	2013.692	2874.81			1.516	2.93				
4	6	5305.80	.3798	.5424	2015.208	2877.74	5299.19	.3800	.5425	2013.692	2874.81			1.509	2.82				
5	7	5256.18	.3829	.5609	2012.484	2948.40	5250.59	.3830	.5610	2010.975	2945.58	.021			2.80				
6	9	5293.78	.3810	.5610	2016.777	2969.88	5289.27	.3812	.5610	2016.798	2793.51	.584	.519	4.71	4.71				
7	9	5293.15	.3804	.5287	2013.600	2798.22	5290.74	.3807	.5280	2014.184	2764.88				3.77				
8	* 7	5293.22	.3804	.5231	2013.462	2768.65	5291.65	.3804	.5225	2016.943	2766.45	1.963							
9	7	5300.03	.3800	.5250	2013.242	2782.37	5297.44	.3808	.5280	2016.205	2773.90				7.76				
220	8	5285.89	.3809	.5284	2012.494	2781.66	5278.60	.3812	.5255	2012.202	2741.72				.05				
1	8	5302.42	.3797	.5548	2013.349	2941.67	5300.41	.3798	.5550	2012.035	2941.72				4.94				
2	8	5284.40	.3808	.5427	2012.145	2867.89	5282.20	.3808	.5420	2011.461	2862.95				8.56				
3	5	5227.08	.3848	.5656	2011.472	2956.45	5222.14	.3848	.5645	2009.479	2947.89								
4	7																		

Fwd. 248660.63 94686.730 132200.67 248472.60 94667.527 132136.86 20.599 39.802 148.36 212.17

* No. 217, Special

October, 1917 - page 3

Rwd. 248660.63

94686.730 132200.67 248472.60

94667.527 132136.86 20.599 39.802 148.36 212.17

225	8	5243.33	.3835	.5162	2011.004	2706.34	5236.96	.3837	.5190	2009.421	2717.98	1.583	11.64	3.60
6	7	5295.73	.3807	.5609	2016.117	2970.58	5288.74	.3807	.5610	2013.423	2966.98	2.694		3.60
7	7	5276.99	.3820	.5648	2015.683	2980.38	5273.28	.3822	.5625	2015.447	2966.22	.236		14.16
8	7	5271.08	.3821	.5786	2014.330	3050.09	5266.73	.3820	.5780	2011.890	3044.16	2.440		5.93
9	7	5254.90	.3832	.5534	2013.770	2907.84	5251.94	.3834	.5545	2013.593	2912.20	.177	4.36	
230	7	5261.81	.3826	.5353	2013.179	2816.44	5257.82	.3830	.5360	2012.748	2818.19		1.75	
1	7	5257.50	.3832	.5327	2014.552	2800.55	5252.28	.3836	.5330	2014.774	2799.46	.222		1.09
2	7	5288.49	.3809	.5577	2014.288	2949.18	5283.99	.3812	.5570	2014.256	2943.18	.032		6.00
3	6	5244.58	.3841	.5548	2014.574	2909.60	5241.45	.3844	.5545	2014.813	2906.33	.239		3.22
4	6	5241.51	.3838	.5824	2011.727	3052.66	5233.22	.3837	.5820	2007.986	3045.73	3.741		6.93
5	6	5264.38	.3828	.5493	2015.036	2891.66	5260.45	.3831	.5500	2015.278	2893.24	.242	1.58	
6	7	5298.70	.3800	.5245	2013.767	2778.90	5294.36	.3805	.5255	2014.503	2782.18	.736	3.28	
7	6	5280.00	.3822	.5308	2018.214	2802.43	5273.04	.3825	.5335	2016.937	2813.16	1.277	10.73	
8	7	5243.03	.3837	.5188	2011.501	2720.16	5240.81	.3840	.5205	2012.471	2727.84	.970	7.68	
9	8	5295.46	.3801	.5249	2012.943	2779.51	5293.73	.3803	.5275	2013.205	2792.44	.262	12.93	
240	8	5258.08	.3823	.5258	2010.281	2764.92	5254.97	.3822	.5275	2008.449	2771.99	1.832	7.07	
1	74	5232.50	.3836	.5220	2006.756	2750.87	5229.80	.3837	.5260	2006.674	2750.87	.082	20.00	
2	6	5244.40	.3843	.5484	2015.478	2876.06	5240.23	.3862	.5485	2022.776	2884.74	8.298	8.66	
3	6	5241.22	.3833	.5293	2008.885	2773.98	5236.08	.3841	.5285	2011.178	2767.26	2.293		6.72
4	5	5270.90	.3813	.5350	2009.818	2820.07	5268.25	.3815	.5350	2009.837	2818.51	.019		1.56
5	7	5242.35	.3834	.5253	2009.891	2753.85	5237.55	.3844	.5240	2013.314	2744.47	3.423		9.36
6	7	5289.99	.3807	.5327	2013.854	2818.11	5286.00	.3808	.5330	2012.908	2817.43	.946		.68
7	9	5282.02	.3812	.5196	2013.374	2744.47	5279.70	.3815	.5195	2014.205	2742.80	.831	1.67	
		369739.58			140985.752	197599.34	369453.99			140969.613	197564.27	38.703	54.842	238.04
													273.11	
													238.04	
													35.07	
													8.91	
													26.16	

Respectfully submitted, Nov. 13, 1917.

Supt. W. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion on hand in M. & R. Department, November 30, 1917.

	Fine ounces
Gold	
Refined	96,196.681
Unrefined	<u>1,592,776.621</u>
Total	1,688,973.302

Silver	
Refined	1,686,523.00
Unrefined	<u>549,177.59</u>
Total	2,235,700.59

	Troy ounces
Minor Coinage Metal	
Copper	871,933.54
Nickel	292,172.18
Tin	48,469.16
Zinc	66,708.00
Ingots, Bronze	<u>92,043.10</u>
Total	<u>1,371,325.98</u>

Respectfully,

John Wilson
Supt. M. & R. Dept.

Fwd. 88823.21

34208.587

45661.42

86774.46

54198.707

45835.93

3.576

13.456 160.76

6.25

265	7	5291.04	.3802	.5233	2011.804	2768.67	5287.39	.3809	.5240	2013.966	2770.59	2.162		1.92
6	6	5284.08	.3817	.5279	2016.890	2769.20	5281.14	.3812	.5290	2013.170	2793.72		3.720	4.52
7	15	5252.12	.3838	.5195	2015.642	2728.50	5245.82	.3837	.5200	2013.972	2729.38		1.670	.28
8	10	5290.82	.3809	.5177	2015.452	2739.06	5287.90	.3812	.5190	2015.747	2744.42	.295		5.36
9	9	5301.60	.3798	.5421	2013.547	2678.88	5292.82	.3799	.5430	2010.742	2874.00		2.805	.12
270	9	5366.38	.3822	.5237	2012.884	2758.00	5258.54	.3826	.5260	2011.917	2765.99		.967	7.99
1	9	5303.45	.3801	.5221	2015.698	2768.76	5293.79	.3808	.5230	2015.875	2768.65	.177		4.39
2	8	5264.71	.3822	.5336	2012.495	2809.59	5259.79	.3830	.5350	2014.499	2813.98	2.004		
3	7	5274.74	.3816	.5179	2012.904	2732.01	5270.74	.3829	.5175	2018.166	2727.60	5.262		
4	7	5289.52	.3808	.5207	2014.426	2754.21	5287.42	.3811	.5205	2015.035	2752.10	.609		4.41
5	8	5291.70	.3804	.5193	2012.862	2747.95	5285.88	.3810	.5185	2013.920	2740.72	1.058		7.23
6	9	5295.95	.3801	.5226	2013.070	2767.75	5291.04	.3807	.5230	2014.298	2767.21	1.228		.54
7	10	5298.73	.3805	.5222	2015.907	2767.12	5293.87	.3805	.5230	2014.317	2768.69		1.590	1.57
8	6	5296.44	.3803	.5230	2014.345	2769.96	5290.49	.3809	.5250	2015.147	2777.50	.602		7.54
9	7	5289.12	.3809	.5242	2014.706	2772.65	5284.53	.3809	.5240	2012.877	2769.09		1.829	3.56
280	6	5294.54	.3802	.5223	2013.046	2765.61	5291.87	.3807	.5220	2014.614	2762.35			3.26
1	7	5287.17	.3807	.5181	2012.961	2739.05	5284.51	.3812	.5185	2014.455	2740.01	1.474		.96
2	7	5281.08	.3812	.5199	2013.340	2745.59	5278.52	.3815	.5215	2013.755	2752.74	.415		7.15
3	9	5291.90	.3799	.5231	2010.558	2821.18	5290.36	.3802	.5230	2011.394	2819.76	.836		1.42
4	14	5264.00	.3826	.5786	2014.131	3045.91	5282.35	.3828	.5800	2014.427	3052.16	.296		6.25
5	75	5291.75	.3801	.5229	2011.109	2766.65	5289.95	.3808	.5240	2014.412	2771.93	3.303		5.28
6	8	5295.92	.3804	.5283	2014.773	2797.94	5294.22	.3808	.5280	2016.038	2795.34	1.265		2.60
7	7	5295.84	.3804	.5216	2014.068	2761.56	5294.04	.3806	.5215	2014.911	2760.84	.843		.72
8	7	5297.96	.3802	.5223	2014.177	2767.35	5296.27	.3807	.5210	2016.289	2759.35	2.112		8.00
9	7	5292.13	.3806	.5216	2014.112	2760.31	5285.27	.3815	.5225	2016.330	2761.55	2.218		
90	7	5287.45	.3803	.5135	2014.483	2719.97	5289.09	.3810	.5125	2015.143	2710.65	.660		9.32
1	8	5280.45	.3809	.5157	2015.009	2728.54	5284.52	.3813	.5170	2014.987	2732.09		.022	3.55

Fwd. 231593.74

88583.006

120648.39

231429.59

88589.110

120818.34

32.163

26.059 219.48

49.53

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion on hand in M. & R. Department, December 31, 1917

	Fine ounces
Gold	
Refined	38,150.926
Unrefined	<u>1,506,804.786</u>
Total	1,544,955.692

Silver	
Refined	1,755,767.00
Unrefined	<u>551,392.15</u>
Total	2,307,159.15

Minor Coinage Metal	Troy ounces
Copper	1,395,139.16
Nickel	292,172.18
Zinc	53,369.00
Tin	40,023.70
Ingots, Bronze	<u>17,494.40</u>
Total	<u>1,798,198.44</u>

Respectfully,

Joel W. Wilson
Supt. M. & R. Dept.

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, December, 1917

[illegible]

SILVER ANODES

Fwd.	216868.76	82526.752	113506.13	216746.47	82560.459	113625.50	45.065	11.338	156.56	37.19					
328	8	5292.87	.3805	.5273	2013.731	2790.75	5289.29	.3810	.5270	2015.219	2787.45	1.488			
9	8	5273.66	.3814	.5252	2011.545	2811.76	5268.93	.3819	.5240	2012.204	2812.80	.659			
330	6	5299.49	.3799	.5196	2013.476	2753.70	5297.83	.3801	.5185	2013.705	2746.92	.829	1.84		3.30
1	8	5281.47	.3803	.5169	2012.055	2734.79	5286.21	.3810	.5150	2014.046	2722.39	1.991			6.78
2	7	5292.53	.3802	.5184	2012.400	2743.53	5289.75	.3804	.5185	2012.220	2742.73		.180		12.40
3	7	5292.80	.3801	.5189	2012.114	2747.12	5291.25	.3809	.5210	2015.437	2756.74	3.323			.80
4	7	5289.04	.3805	.5281	2012.480	2793.05	5287.31	.3805	.5290	2011.621	2796.98		.599		
5	8	5282.03	.3812	.5246	2013.487	2770.98	5278.64	.3816	.5250	2014.329	2771.28	.842			9.62
6	11	5289.99	.3808	.5200	2014.528	2750.66	5286.27	.3812	.5215	2015.128	2756.78	.598	.30		3.93
7	56	5291.40	.3803	.5195	2012.017	2748.95	5289.78	.3805	.5245	2012.738	2774.45	.721	6.12		6.12
8	9	5299.24	.3794	.5210	2010.632	2761.07	5295.82	.3800	.5210	2012.411	2759.12	1.779	25.50		25.50
9	8	5245.50	.3832	.5183	2010.026	2718.66	5242.76	.3835	.5185	2010.981	2718.88	.955	.22		1.95
340	11	5267.83	.3821	.5207	2013.001	2742.94	5265.27	.3826	.5220	2014.492	2748.47	1.491	.553		.553
1	8	5289.22	.3806	.5252	2013.193	2777.72	5280.77	.3808	.5260	2010.917	2777.68		2.279		.04
2	7	5294.42	.3801	.5194	2012.343	2749.78	5291.04	.3797	.5200	2009.007	2751.34		3.336		1.56
3	8	5290.32	.3810	.5194	2015.654	2747.90	5283.86	.3810	.5200	2013.150	2747.60		2.504		.30
4	8	5294.45	.3804	.5236	2013.743	2772.12	5291.24	.3806	.5250	2013.845	2777.90	.102	5.78		
5	8	5299.94	.3797	.5374	2012.399	2847.90	5296.63	.3800	.5400	2012.719	2860.18	.320	12.28		
7	8	5292.22	.3802	.5171	2011.971	2736.38	5290.10	.3802	.5190	2011.296	2745.56		.675		9.18
8	7	5296.27	.3800	.5397	2012.326	2858.44	5294.26	.3807	.5410	2015.524	2864.19	3.198	5.75		
9	7	5296.51	.3803	.5402	2014.218	2860.95	5294.26	.3809	.5400	2016.583	2858.90	2.365			
350	6	5283.53	.3805	.5382	2010.216	2790.58	5281.37	.3807	.5280	2010.617	2788.56	.401			8.05
1	7	5299.85	.3800	.5302	2013.946	2810.27	5288.25	.3801	.5315	2013.864	2816.01		.022		2.02
2	7	5290.57	.3805	.5254	2013.066	2779.41	5288.54	.3810	.5255	2014.933	2779.12	1.667	5.74		
3	7	5290.55	.3805	.5259	2013.121	2835.13	5286.32	.3810	.5290	2014.087	2849.32	.966	14.19		
4	7	5305.95	.3792	.5285	2011.937	2804.27	5301.21	.3799	.5310	2013.987	2814.99	2.030	10.72		
5	7	5298.05	.3801	.4926	2013.975	2609.64	5293.53	.3804	.4955	2013.658	2622.94		.317		13.10

Fwd. 216868.76 82526.732 113508.13 216746.47 82560.459 113625.50 45.065 11.338 156.56 37.19

Dec/17 - page 3											
Pwd.	216868.76	82526.732 113506.13 216746.47									
356	8	5297.42	.3799	.5048	2012.589	2674.01	5294.23	.3804	.5035	2013.925	2665.64
7	7	5300.76	.3792	.5282	2010.113	2799.61	5297.52	.3795	.5275	2010.408	2794.44
8	6	5269.66	.3814	.5344	2009.573	2815.87	5266.25	.3820	.5305	2011.707	2841.14
9	15	5296.80	.3804	.5305	2015.110	2809.92	5293.23	.3806	.5330	2014.603	2821.29
360	7	5271.38	.3814	.5169	2010.436	2724.84	5268.34	.3817	.5220	2010.925	2750.07
1	11	5296.38	.3802	.5234	2013.487	2771.97	5293.27	.3806	.5230	2014.618	2768.38
2	72	5291.74	.3814	.5314	2014.512	2803.42	5277.97	.3815	.5335	2013.545	2815.79
3	9	5296.70	.3801	.5304	2013.217	2809.40	5292.86	.3801	.5295	2011.816	2802.56
4	3	5292.80	.3809	.5264	2012.976	2780.55	5276.80	.3812	.5250	2011.513	2770.32
5	7	5301.93	.3797	.5305	2012.889	2812.60	5299.11	.3805	.5310	2016.311	2813.82
6	9	5286.32	.3807	.5213	2012.232	2755.98	5283.34	.3807	.5230	2011.367	2763.18
7	6	5301.12	.3796	.5242	2012.297	2778.85	5298.54	.3799	.5270	2012.915	2792.33
8	6	5298.41	.3800	.5220	2013.548	2765.64	5296.27	.3801	.5200	2013.112	2754.06
9	6	5289.68	.3804	.5223	2012.452	2762.59	5287.71	.3805	.5225	2011.973	2762.82
370	6	5286.17	.3804	.5196	2011.505	2747.92	5286.14	.3805	.5200	2011.376	2748.79
		296228.03	112712.968 155122.30 296059.05								
		112750.576 155290.13									
		54.490 16.882 250.80 82.97									
		16.882 82.97									
		37.608 167.83									
		3.522 5.14									
		41.130 172.97									
		54.490 16.882 250.80 82.97									
		16.882 82.97									
		37.608 167.83									
		3.522 5.14									
		41.130 172.97									

Melting Gains
Month's recoveries
Total Gains

* No. 346, Special

Respectfully submitted, January 7, 1918.

James Wilson

Supt. M. & R. Dept.

Dec/17 - page 3

Dec/17	page 3	Fwd.	213868.76	82526.732	113506.13	216746.47	82560.459	113625.50	45.065	11.338	156.56	37.19							
356	8	5297.42	.3799	.5048	2012.589	2674.01	5294.23	.3804	.5035	2013.925	2665.64	1.336	2665.64	1.336	9.37	5.17			
7	7	5300.76	.3792	.5282	2010.113	2799.61	5297.52	.3795	.5275	2010.408	2794.44	.295	2794.44	.295					
8	6	5269.66	.3814	.5344	2009.573	2815.87	5266.25	.3820	.5395	2011.707	2841.14	2.134	2841.14	2.134	25.27				
9	15	5296.80	.3804	.5305	2015.110	2809.92	5293.23	.3806	.5330	2014.603	2821.29	.489	2821.29	.489	11.37				
360	7	5271.38	.3814	.5169	2010.436	2724.84	5268.34	.3817	.5220	2010.925	2750.07	1.131	2750.07	1.131	25.23				
1	11	5296.38	.3802	.5234	2013.487	2771.97	5293.27	.3806	.5230	2014.618	2768.38		2768.38		9.37				
2	72	5281.74	.3814	.5314	2014.512	2806.42	5277.97	.3815	.5335	2013.545	2815.79		2815.79			6.84			
3	9	5296.70	.3801	.5304	2013.217	2809.40	5292.86	.3801	.5295	2011.816	2802.56		2802.56		1.401	10.23			
4	3	5292.80	.3909	.5264	2012.876	2780.55	5276.80	.3812	.5250	2011.516	2770.32	3.422	2770.32	3.422	.760				
5	7	5301.93	.3797	.5305	2012.889	2812.60	5299.11	.3805	.5310	2016.311	2813.82		2813.82		1.22				
6	9	5286.32	.3807	.5213	2012.232	2755.98	5283.34	.3807	.5230	2011.367	2763.18	.618	2763.18	.618	7.20				
7	6	5301.12	.3796	.5242	2012.297	2778.85	5298.54	.3799	.5270	2012.915	2792.33		2792.33		13.48				
8	6	5298.41	.3800	.5220	2013.548	2765.64	5296.27	.3801	.5200	2013.112	2754.06		2754.06		.23				
9	6	5289.68	.3804	.5223	2012.452	2762.59	5287.71	.3805	.5225	2011.973	2762.82		2762.82		.87				
370	6	5288.17	.3804	.5196	2011.505	2747.92	5286.14	.3805	.5200	2011.376	2748.79		2748.79						
296228.03		112712.968		155122.30		236059.05		112750.576		155290.13		54.430		16.882		250.80		82.97	
								Melting Gains				16.882		82.97					
								Month's recoveries				37.608		167.83					
								Total Gains				3.522		5.14					
												41.130		172.97					

* No. 346, Special

* No. 346, Special

Respectfully submitted, January 7, 1918.

G. W. Williams

Supt. M. & R. Dept.

Fwd. 216868.76

82526.732 113506.13 216746.47

82560.459 113625.50 45.065 11.338 156.56 37.19

356	8	5297.42	.3799	.5048	2012.589	2674.01	5294.23	.3804	.5035	2013.925	2665.64	1.336	8.37
7	7	5300.76	.3792	.5282	2010.115	2799.61	5297.52	.3795	.5275	2010.408	2794.44	.295	5.17
8	6	5269.66	.3814	.5344	2009.573	2815.87	5266.25	.3820	.5395	2011.707	2841.14	2.134	
9	15	5296.80	.3804	.5305	2015.110	2809.92	5293.23	.3806	.5330	2014.603	2821.39	.507	25.27
360	7	5271.38	.3814	.5169	2010.436	2724.84	5268.34	.3817	.5220	2010.925	2750.07	.489	11.37
1	11	5296.38	.3802	.5234	2013.487	2771.97	5293.27	.3806	.5230	2014.618	2768.38	1.131	25.33
2	72	5281.74	.3814	.5314	2014.512	2806.42	5277.97	.3815	.5335	2013.545	2815.79	.967	9.37
3	9	5296.70	.3801	.5304	2013.217	2809.40	5292.86	.3801	.5295	2011.816	2802.56	1.401	6.84
4	8	5282.80	.3809	.5264	2012.276	2780.55	5276.80	.3812	.5250	2011.516	2770.32	.760	10.23
5	7	5301.93	.3797	.5305	2012.889	2780.60	5299.11	.3805	.5310	2016.311	2813.82	3.422	1.22
6	9	5286.32	.3807	.5213	2012.232	2755.98	5283.34	.3807	.5250	2011.367	2763.18	.865	7.30
7	6	5301.12	.3796	.5242	2012.297	2778.85	5298.54	.3799	.5270	2012.915	2792.33	.618	13.48
8	6	5298.41	.3800	.5220	2013.548	2765.64	5296.27	.3801	.5200	2013.112	2754.06	.436	11.58
9	6	5289.68	.3804	.5223	2012.452	2762.59	5287.71	.3805	.5225	2011.973	2762.82	.479	.23
370	6	5288.17	.3804	.5196	2011.505	2747.92	5286.14	.3805	.5200	2011.376	2748.79	.129	.87

296228.03

112712.968 155122.30 296059.05

112750.576 155290.13 54.490 16.882 250.80 82.97

* No. 346, Special

Month's Gains
Month's recoveries
Total gains

16.882
37.608
3.522
41.130

82.97
167.83
5.14
172.97

Respectfully submitted, January 7, 1918.

Supt. W. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion on hand in M. & R. Department, January 31, 1918.

	Fine ounces
Sold	
Refined	19,349.395
Unrefined	<u>1427,743.524</u>
Total	1,447,092.919

Silver	
Refined	1,770,971.00
Unrefined	<u>557,744.29</u>
Total	2,328,715.29

	Troy ounces
Minor Coinage Metal	
Copper	1,047,301.25
Nickel	292,172.18
Tin	37,760.22
Zinc	49,386.79
Ingot (Bronze)	<u>94,817.30</u>
Total	<u>1,521,437.74</u>

Respectfully,

Joel W. Wilson
Supt. M. & R. Dept.

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, January, 1918.

Melt Bars	Weight	Before Melting				After Melting				Fine ounces			
		Fineness		Fine ounces		Fineness		Fine ounces		Gold		Silver	
		Gold	Silver	Gold	Silver	Gold	Silver	Gold	Silver	Gain	Loss	Gain	Loss
49	7	5852.26	.8838	.1002	5172.557	5849.67	.8838	.1030	5169.938	2.619		16.11	
50	7	5858.50	.8850	.0985	5184.705	5856.25	.8855	.0980	5185.709	1.004			2.90
1	7	5924.24	.9367	.0573	5549.042	5922.94	.9374	.0565	5552.163	3.121			4.83
2	7	5884.65	.9329	.0609	5489.750	5883.50	.9329	.0620	5488.717		1.033	6.35	
3	8	5886.80	.8832	.1098	5199.046	5883.79	.8839	.1105	5200.681	1.635		3.69	
4	9	5845.48	.8836	.1074	5165.282	5843.86	.8839	.1100	5165.387	.105		15.20	
5	7	5947.43	.9327	.0588	5547.266	5946.39	.9331	.0590	5548.576	1.310			5.02
6	7	5863.48	.9356	.0572	5486.045	5862.06	.9359	.0585	5486.301	.256		7.57	
7	7	5850.50	.8820	.1041	5160.329	5848.29	.8822	.1035	5159.361	.968			4.02
8	7	5851.35	.8887	.0991	5200.048	5849.36	.8891	.1000	5200.665	.617		4.92	
58764.69		53154.070		5009.77		58746.11		53157.498		8.048	4.620	53.84	16.77
										4.620		16.77	
										3.428		37.07	
										1.800		.19	
										5.228		37.26	

SILVER ANODES

Melt Bars	Weight	Before Melting				After Melting				Fine ounces			
		Fineness		Fine ounces		Fineness		Fine ounces		Gold		Silver	
		Gold	Silver	Gold	Silver	Gold	Silver	Gold	Silver	Gain	Loss	Gain	Loss
771	7	5286.46	.3805	.5240	2011.256	5282.72	.3805	.5235	2010.074	1.182			4.45
2	6	5296.97	.3801	.5232	2013.485	5295.01	.3801	.5235	2012.633	.832		.41	
3	8	5268.13	.3807	.5239	2013.184	5285.78	.3804	.5255	2010.710	2.474		7.45	
4	6	5296.75	.3800	.5208	2012.989	5292.37	.3805	.5230	2013.746			9.46	
5	6	5292.89	.3804	.5254	2013.218	5289.85	.3808	.5290	2014.374	.757		17.48	
6	6	5298.42	.3804	.5356	2015.297	5295.62	.3807	.5380	2016.042	1.156		11.56	
7	7	5288.05	.3804	.5223	2011.401	5283.70	.3808	.5210	2012.032	.745			9.36
8	6	5289.62	.3803	.5707	2011.590	5287.22	.3807	.5700	2012.844	.631			5.50
9	6	5289.10	.3801	.5241	2010.230	5286.77	.3805	.5245	2011.615	1.254			
580	7	5306.20	.3795	.5185	2013.491	5303.13	.3795	.5215	2012.537	1.385		.96	
Forward 52932.59		20126.121		27992.96		52902.17		20126.607		5.928	5.442	61.52	19.11

Fwd.		52932.59		20126.121	27992.96	52902.17		20126.607	28035.37	5.928	5.442	61.52	19.11
381	7	5291.25	.3602	.5257	2011.943	2781.70	5288.29	.3808	.5260	2013.780	2781.64	1.837	.06
2	46	5296.11	.3799	.5216	2011.821	2762.45	5292.88	.3804	.5215	2013.411	2760.23	1.590	.22
3	9	5302.55	.3795	.5249	2012.504	2783.24	5298.61	.3793	.5260	2012.412	2787.06		
4	11	5296.61	.3803	.5236	2014.241	2773.50	5294.93	.3806	.5250	2015.250	2779.83	1.009	.092
5	10	5293.28	.3800	.5185	2011.296	2744.14	5291.13	.3802	.5190	2011.687	2746.09	.391	3.82
6	6	5281.83	.3822	.5255	2011.056	2764.85	5288.89	.3826	.5260	2012.051	2768.17	.995	1.95
7	9	5291.31	.3807	.5204	2014.202	2752.82	5288.74	.3809	.5210	2014.481	2755.43	.279	2.61
8	6	5291.45	.3807	.5231	2014.079	2767.24	5289.26	.3808	.5240	2014.150	2771.57	.071	4.33
9	7	5306.95	.3794	.5224	2013.321	2772.32	5304.85	.3802	.5230	2016.903	2774.43	3.582	2.10
390	10	5287.66	.3808	.5250	2013.641	2775.79	5285.43	.3812	.5280	2014.805	2790.70	1.164	14.91
1	8	5299.27	.3797	.5224	2011.902	2768.55	5297.26	.3799	.5210	2012.429	2759.87	.527	8.68
2	8	5311.58	.3791	.5292	2013.527	2810.87	5307.44	.3800	.5290	2016.827	2807.63	3.300	3.24
3	7	5299.12	.3798	.5225	2012.863	2768.60	5295.90	.3797	.5230	2010.853	2769.75		
4	7	5292.76	.3802	.5229	2012.267	2767.35	5289.44	.3811	.5245	2015.805	2774.31	3.538	2.010
5	7	5319.16	.3784	.5215	2012.866	2773.67	5312.21	.3787	.5210	2011.733	2767.66		1.15
6	7	5302.30	.3796	.5232	2012.570	2774.21	5296.04	.3798	.5220	2011.435	2764.53		6.26
7	9	5289.85	.3805	.5030	2012.640	2660.79	5283.89	.3807	.5030	2011.576	2657.79		6.01
8	8	5288.07	.3803	.5188	2011.101	2743.56	5285.22	.3806	.5210	2011.554	2755.59	.453	0.88
9	7	5291.73	.3802	.5222	2011.869	2763.55	5289.20	.3802	.5245	2010.953	2774.18		3.00
400	6	5293.40	.3799	.5236	2011.224	2771.86	5290.68	.3801	.5245	2010.987	2774.96		
1	7	5296.57	.3797	.5227	2010.973	2768.26	5294.44	.3799	.5240	2011.357	2774.28	.384	.916
2	6	5297.13	.3799	.5256	2012.156	2784.02	5294.26	.3803	.5265	2013.407	2787.42	1.251	3.10
3	6	5290.90	.3805	.5188	2013.037	2745.11	5288.98	.3807	.5170	2013.514	2734.40	.477	6.02
4	7	5289.73	.3804	.5197	2012.456	2748.91	5287.60	.3806	.5200	2012.460	2749.55	.004	8.39
5	7	5292.51	.3802	.5216	2012.107	2760.63	5291.38	.3803	.5230	2012.311	2767.39	.204	10.71
6	6	5291.93	.3803	.5207	2012.537	2755.34	5287.59	.3808	.5210	2013.514	2754.83	.977	.64
7	6	5239.28	.3804	.5062	2015.879	2682.46	5296.28	.3802	.5060	2013.645	2679.91		8.76
													.51
													2.55
Fwd.		195696.88		74466.199	102512.77	195782.99		74479.897	102600.57	27.961	14.263	147.57	65.77

Fwd. 195896.88 74466.199 102512.77 195782.99 74479.897 102600.57 27.961 14.263 147.57 65.77

Fwd. 195896.88 74466.199 102518.77 195782.99 74479.897 102600.57 27.961 14.263 147.57 65.77

408	7	5297.40	.3801	.5149	2013.807	2727.77	5293.91	.3805	.5145	2014.332	2723.71	.525							
9	6	5301.51	.3799	.5147	2014.171	2728.92	5298.80	.3806	.5140	2016.723	2723.58	2.552							4.06
410	6	5293.00	.3802	.5190	2012.251	2747.18	5289.73	.3794	.5230	2006.923	2766.52								5.34
1	8	5298.30	.3800	.5112	2012.890	2708.31	5295.23	.3807	.5145	2015.894	2724.39	3.004	5.328	19.34					
2	7	5295.20	.3797	.5200	2010.497	2753.37	5291.67	.3798	.5215	2009.776	2759.60		.721	16.08					
3	7	5298.30	.3801	.5213	2013.866	2762.42	5296.27	.3800	.5250	2012.582	2780.54		1.284	6.23					
4	7	5305.47	.3795	.5316	2012.846	2820.29	5303.34	.3794	.5335	2012.087	2829.33		.759	18.12					
5	70	5306.11	.3794	.5304	2013.177	2814.09	5304.21	.3800	.5340	2015.599	2832.44	2.422		8.44					
6	5	5281.53	.3810	.5166	2012.284	2729.30	5278.25	.3816	.5175	2014.180	2731.49	1.896		18.35					
7	7	5274.96	.3815	.5187	2012.091	2736.11	5271.93	.3819	.5200	2013.350	2741.40	1.259		2.19					
8	7	5291.58	.3803	.5345	2012.461	2828.06	5288.98	.3808	.5330	2014.043	2819.02	1.582		5.29					
9	6	5298.53	.3801	.5361	2013.809	2840.36	5295.23	.3806	.5360	2015.364	2838.24	1.155							9.04
420	7	5292.33	.3801	.5234	2011.794	2770.16	5288.96	.3806	.5230	2012.978	2766.12	1.184							2.02
1	7	5303.21	.3798	.5219	2013.254	2767.75	5299.67	.3804	.5225	2015.994	2769.07	2.740							4.04
2	7	5299.57	.3800	.5219	2013.627	2765.75	5295.74	.3806	.5220	2015.558	2764.37	1.931							1.38
3	7	5300.06	.3802	.5177	2014.955	2743.61	5294.33	.3807	.5190	2015.551	2747.75	.596							
4	7	5283.77	.3805	.5161	2010.489	2726.79	5280.42	.3811	.5175	2012.368	2732.61	1.879		4.14					
5	8	5299.42	.3801	.5162	2014.356	2735.79	5296.22	.3808	.5190	2016.800	2748.73	2.444		5.82					
6	7	5292.61	.3803	.5184	2012.241	2743.50	5289.74	.3810	.5180	2015.390	2740.08	3.149		12.94					
7	7	5289.72	.3805	.5165	2012.534	2732.27	5285.40	.3813	.5165	2015.323	2729.90	2.789							3.42
8	7	5295.92	.3805	.5173	2014.894	2739.63	5291.89	.3810	.5180	2016.210	2741.19	1.318							2.37
9	8	5289.49	.3806	.5268	2013.260	2786.68	5287.78	.3811	.5260	2015.172	2781.37	1.912		1.56					5.31

312384.87 118751.753 163227.48 312200.69 118792.094 163592.02 62.696 22.355 267.29 102.75

Melting gains 22.355 102.75
Recoveries 40.341 164.54
Total gains 4.194 6.17
44.535 170.71

Respectfully submitted, February 5, 1918.

William

Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on Hand in M. & R. Dept., February 28, 1918.

Gold	Fine ounces
Refined	22,954.986
Unrefined	<u>1,345,322.367</u>
Total	1,368,277.353

Silver	
Refined	1,431,298.00
Ingots (Quarter)	36,663.21
" (Dime)	73,126.62
Unrefined	<u>593,272.03</u>
Total	2,134,359.86

Troy ounces

Minor Coinage Metal	
Copper	1,772,763.46
Nickel	144,632.01
Tin	37,790.03
Zinc	49,431.51
Ingots (Nickel)	<u>29,938.30</u>
Total	<u>2,034,555.31</u>

Respectfully,

Joseph Wilson
Supt. M. & R. Dept.

March 2, 1918.

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, February, 1918.

Melt Bars	Weight	Before Melting		After Melting		Fine ounces			
		Fineness	Gold	Fineness	Gold	Gain	Loss	Gain	Loss
59	7	5855.10	.8825	5165.328	629.35	5851.09	.8826	5164.172	649.47
60	7	5865.02	.8875	5202.060	591.81	5860.65	.8875	5200.136	609.50
1	7	5825.43	.8880	5173.130	585.87	5820.65	.8882	5169.901	599.52
2	7	5836.43	.8884	5184.965	597.53	5835.67	.8885	5183.215	809.61
3	7	5851.90	.8821	5161.875	618.01	5849.16	.8822	5165.638	620.01
4	7	5818.00	.8851	5149.364	585.09	5815.30	.8853	5148.285	598.97
		35047.88		51036.722	3607.64	55030.50		51029.347	3687.08
							1.763		9.138
									1.763
									7.375
									79.44
									1.118
									3.857
									79.58

Melting loss, Gold
Gain, Silver
Month's Recoveries
Total loss, Gold
Gain, Silver

SILVER ANODES

430	7	5287.90	.3804	5168	2011.425	2735.03	5286.25	.3808	5180	2013.004	2738.27	1.581	5.24
1	8	5288.24	.3807	5219	2013.206	2760.08	5286.26	.3820	5230	2019.351	2764.71	6.145	4.63
2	7	5290.23	.3804	5263	2012.215	2784.41	5285.10	.3809	5260	2013.094	2779.96	.879	4.45
3	7	5292.04	.3803	5232	2012.772	2768.63	5289.93	.3808	5230	2014.405	2766.63	1.633	2.00
4	8	5287.72	.3804	5205	2011.627	2752.04	5285.26	.3804	5190	2010.612	2743.04		2.00
5	7	5286.60	.3805	5234	2011.586	2767.05	5284.30	.3807	5240	2011.733	2768.97	.147	1.92
6	8	5283.95	.3808	5106	2012.306	2698.05	5281.45	.3816	5120	2015.401	2704.10	3.095	6.05
7	6	5282.19	.3807	5205	2010.922	2749.13	5279.58	.3814	5205	2013.631	2748.02	2.709	1.11
8	7	5280.13	.3807	5206	2010.125	2748.99	5277.66	.3810	5240	2010.768	2765.49	.663	16.50
9	7	5287.67	.3805	5293	2012.030	2798.79	5285.62	.3805	5285	2011.172	2793.45		5.34
440	7	5300.30	.3798	5232	2013.202	2773.09	5297.88	.3792	5240	2012.112	2778.05		
1	7	5286.65	.3805	5263	2012.396	2783.73	5287.09	.3812	5270	2015.438	2766.29	3.042	8.96
2	7	5290.60	.3807	5267	2010.410	2781.08	5278.04	.3808	5280	2009.977	2786.80		8.56
3	7	5297.65	.3805	5220	2014.860	2765.32	5293.33	.3807	5275	2015.932	2793.28	1.072	5.72
4	6	5292.11	.3803	5300	2008.893	2799.58	5280.05	.3804	5340	2008.531	2819.54		27.95
5	6	5292.50	.3802	5326	2011.974	2818.96	5290.29	.3801	5340	2010.839	2825.01	1.135	19.96
													6.05

Fwd. 84608.74 32189.950 44281.96 84570.03 32205.826 44359.61 20.966 5.090 99.55 21.90

Fwd.	84608.74	32189.950	44281.96	84570.03	32205.826	44359.61	20.966	5.090	99.55	21.90			
446	5297.51	.3802	.5248	2014.299	2780.13	5295.79	.3603	.5270	2013.988	2790.88	.311	10.75	
7	5296.66	.3802	.5309	2014.428	2812.06	5294.34	.3804	.5355	2013.966	2835.11	.462	23.05	
8	5241.76	.3837	.5252	2011.420	2805.29	5238.22	.3832	.5350	2010.428	2802.44	.992		
9	5279.84	.3814	.5291	2013.918	2793.38	5275.13	.3820	.5290	2015.099	2790.54			
450	5310.56	.3787	.5213	2010.838	2768.15	5306.47	.3790	.5230	2011.152	2775.28	1.181		
1	5257.80	.3822	.5263	2009.544	2767.33	5253.67	.3820	.5285	2006.901	2776.56	.314		
2	5285.90	.3806	.5242	2011.590	2771.13	5283.63	.3807	.5250	2011.477	2773.90			
3	5271.07	.3818	.5513	2012.616	2905.84	5268.57	.3820	.5550	2012.593	2924.05	2.643		
4	5297.53	.3802	.5189	2013.828	2748.82	5293.79	.3805	.5225	2014.287	2766.00	.113		
5	5288.54	.3804	.5364	2012.017	2836.70	5285.56	.3808	.5390	2012.741	2848.91	.023		
6	5311.97	.3787	.5247	2011.512	2787.06	5306.57	.3795	.5265	2013.843	2793.90	.459		
7	5315.90	.3788	.5395	2013.495	2867.73	5305.40	.3815	.5415	2013.843	2872.87	.724		
8	5281.80	.3807	.5317	2010.902	2808.21	5275.25	.3810	.5340	2024.010	2872.87	2.331		
9	5283.79	.3812	.5178	2014.110	2736.95	5277.95	.3814	.5195	2009.870	2816.98	10.515		
460	5296.81	.3805	.5217	2015.669	2763.60	5294.33	.3807	.5270	2013.010	2741.89	1.032		
1	5292.14	.3800	.5260	2010.797	2783.50	5290.14	.3805	.5275	2015.551	2790.11	1.100		
2	5292.84	.3803	.5206	2012.746	2755.19	5290.98	.3806	.5255	2012.898	2790.54	.118		
3	5296.10	.3802	.5222	2013.609	2785.78	5291.76	.3802	.5225	2013.746	2780.40	2.101		
4	5291.77	.3806	.5155	2014.026	2728.09	5288.27	.3814	.5175	2011.927	2764.94	1.000		
5	5293.63	.3802	.5166	2012.586	2734.51	5290.15	.3804	.5180	2016.946	2736.67	2.920		
6	5286.42	.3806	.5156	2011.827	2725.84	5284.31	.3810	.5155	2012.373	2740.29	1.682		
7	5296.51	.3804	.5242	2014.613	2776.44	5294.46	.3807	.5250	2013.322	2724.06	.213		
8	5293.57	.3803	.5156	2013.366	2729.26	5291.59	.3804	.5165	2015.600	2779.59	1.495		
9	5288.66	.3805	.5161	2012.329	2729.43	5285.96	.3807	.5170	2012.920	2733.10	.987		
470	5299.82	.3801	.5239	2014.345	2776.42	5298.01	.3802	.5235	2012.364	2732.84	.035		
1	5299.72	.3800	.5242	2013.686	2778.19	5296.91	.3804	.5230	2014.303	2773.50	.040		
2	5292.16	.3802	.5166	2012.288	2733.88	5288.95	.3803	.5165	2014.944	2770.28	1.256		
									2011.387	2731.74	.901		

Fwd. 227449.59 86536.352 119250.92 227316.19 86567.472 119516.98 46.286 15.166 309.24 43.18

Fwd.	227449.59	86536.352	119250.92	227316.19	86567.472	119516.98	46.286	15.166	309.24	43.18							
473	6	5282.80	.3807	.5175	2011.405	2733.78	5279.97	.3809	.5170	2011.140	2729.74						
4	6	5295.63	.3801	.5135	2012.805	2719.26	5292.86	.3804	.5140	2013.403	2720.53	.598		.265		1.27	4.04
5	7	5293.60	.3803	.5205	2013.048	2755.35	5289.61	.3806	.5205	2013.225	2753.24	.177					2.11
6	8	5291.63	.3802	.5238	2012.019	2771.91	5289.43	.3809	.5245	2014.743	2774.30	2.724				2.39	
7	8	5293.67	.3803	.5224	2013.108	2765.62	5291.34	.3809	.5215	2015.471	2759.43	2.363				6.19	
8	7	5299.39	.3800	.5232	2013.677	2772.51	5295.35	.3803	.5230	2013.821	2769.46	.144				3.05	
9	5	5276.97	.3810	.5339	2010.440	2817.12	5274.14	.3810	.5365	2009.447	2829.57			.993		12.45	
480	6	5301.72	.3794	.5345	2011.738	2833.52	5298.06	.3795	.5365	2010.613	2842.40			1.125		8.88	
1	6	5280.36	.3817	.5151	2015.549	2719.98	5276.11	.3820	.5180	2015.474	2733.02			.075		13.04	
2	5	5298.33	.3799	.5245	2012.564	2778.77	5293.13	.3802	.5290	2012.448	2800.06			.116		21.29	
3	5	5313.48	.3791	.5408	2014.384	2873.67	5311.48	.3792	.5415	2014.113	2876.16			.271		2.49	
4	8	5282.85	.3812	.5218	2013.607	2756.54	5279.35	.3811	.5235	2011.960	2763.73			1.647		7.19	
5	8	5291.06	.3804	.5205	2012.838	2753.83	5288.94	.3803	.5205	2011.383	2752.89			1.455			.94
6	7	5293.82	.3803	.5317	2012.994	2814.84	5290.34	.3800	.5320	2010.329	2814.46			2.665			.18
301544.90		114716.528		158118.42		301366.30		114745.042		158435.97		52.292	23.778	378.24	59.69		

Apparent melting gains
Month's recoveries

Total Gains

28.514
5.808

34.322

318.55
8.51

Respectfully submitted, March 4, 1918.

Supt. M. & R. Dept.

William

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion on hand in M. & R. Dept., March 30, 1918.

	Fine ounces
Gold	
Refined	28,470.000
Unrefined	<u>1,254,110.708</u>
Total	1,282,580.708

Silver	
Refined	903,405.00
Quar. Dollar Ingots	87,498.77
Unrefined	<u>530,708.92</u>
Total	1,521,612.69

	Troy ounces
Minor Coinage Metal	
Copper	1,366,585.49
Nickel	300,899.35
Zinc	49,431.51
Tin	37,790.03
Nickel Ingots	<u>56,283.30</u>
Total	1,810,989.68

Respectfully,

Jac. Wilson
Supt. M. & R. Dept.

April 2, 1918.

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, March, 1918.

Melt Bars	Weight	Before Melting				After Melting				Fine ounces			
		Fineness		Fine ounces		Fineness		Fine ounces		Gold		Silver	
		Gold	Silver	Gold	Silver	Gold	Silver	Gold	Silver	Gain	Loss	Gain	Loss
65	7	5825.00	.8945	1.013	5152.242	590.32	5820.75	.8850	1.040	5151.365	605.35	.879	15.03
6	6	5852.88	.9382	.0581	5479.323	339.79	5851.64	.9363	.0585	5478.890	342.32	.433	2.53
7	7	5895.00	.8841	1.018	5211.685	598.73	5892.07	.8841	1.030	5209.179	606.88	2.506	8.15
8	9	5797.25	.8874	1.033	5144.891	599.01	5789.40	.8874	1.030	5137.513	596.30	7.378	2.71
9	9	5885.89	.9411	.0531	5539.146	312.73	5881.95	.9413	.0545	5536.679	320.56	2.467	7.83
70	7	5881.15	.8865	1.021	5213.527	600.71	5879.35	.8870	1.050	5214.983	617.33	1.456	16.62

55137.17 31740.814 3041.29 35115.16 31728.607 3086.74 1.456 13.663 50.16 2.71

Gold, Melting loss
Silver " gain
Recoveries
Total loss, Gold
gain, Silver

1.456
12.207
1.296
10.911
47.45
15
47.60

SILVER ANODES

487	7	5287.58	.3812	.5658	2015.720	2991.44	5285.57	.3814	.5670	2015.916	2996.91	.196	5.47
8	7	5309.77	.3790	.5228	2012.137	2775.77	5305.15	.3792	.5245	2011.712	2782.55	.425	6.78
9	7	5290.75	.3810	.5247	2015.716	2775.63	5287.69	.3811	.5260	2015.138	2781.32	.578	5.69
490	8	5309.19	.3797	.5206	2015.822	2763.82	5307.15	.3799	.5200	2016.186	2759.71	.364	4.11
1	7	5298.68	.3802	.5265	2014.349	2789.65	5296.61	.3804	.5260	2014.830	2786.01	.481	3.64
2	8	5298.39	.3798	.5323	2012.497	2820.35	5296.63	.3802	.5315	2013.778	2815.15	1.281	5.20
3	7	5298.71	.3800	.5230	2013.678	2771.20	5295.82	.3808	.5250	2016.648	2780.30	2.970	9.10
4	6	5295.91	.3802	.5189	2013.654	2748.11	5294.40	.3803	.5210	2013.460	2758.38	.194	10.27
5	6	5288.72	.3805	.5184	2012.185	2741.89	5286.52	.3807	.5190	2012.578	2743.70	.393	1.81
6	7	5296.04	.3801	.5240	2013.073	2775.15	5293.25	.3803	.5235	2013.022	2771.01	.051	4.14
7	6	5289.34	.3803	.5174	2011.374	2736.73	5286.49	.3805	.5180	2011.509	2738.40	.135	1.67
8	7	5288.24	.3803	.5248	2011.241	2775.38	5286.28	.3807	.5240	2012.486	2770.01	1.245	6.47
9	7	5289.54	.3805	.5263	2012.738	2784.13	5285.23	.3810	.5280	2013.672	2790.60	.934	5.37
500	7	5293.10	.3801	.5187	2011.040	2745.63	5289.26	.3802	.5215	2010.976	2758.34	.964	12.71
1	6	5297.22	.3799	.5316	2012.652	2816.21	5295.71	.3798	.5330	2011.310	2822.61	1.342	6.40
2	8	5301.59	.3798	.5222	2013.792	2768.45	5299.00	.3796	.5250	2011.500	2781.97	2.292	13.52

Fwd. 84732.77 32212.568 44579.54 84690.76 32214.721 44636.97 7.999 5.846 79.89 22.46

Fwd.	84732.77	32212.568	44579.54	84690.76	32214.721	44636.97	7.999	5.846	79.89	22.46			
503	7	5296.59	.3802	.5220	2013.521	2764.67	5291.59	.3802	.5225	2011.862	2764.85	1.659	.18
4	7	5292.33	.3802	.5236	2012.033	2770.83	5290.26	.3800	.5240	2010.298	2772.09	1.735	1.26
5	8	5285.48	.3805	.5235	2011.208	2767.16	5282.72	.3804	.5215	2009.546	2754.93	1.662	
6	6	5285.65	.3805	.5305	2011.212	2805.21	5283.43	.3806	.5285	2010.873	2792.29	.339	12.23
7	6	5298.20	.3801	.5191	2013.708	2750.12	5296.50	.3800	.5180	2012.670	2743.58	1.038	12.92
8	7	5283.06	.3805	.5196	2010.359	2745.22	5278.71	.3804	.5190	2008.021	2739.65	2.338	6.54
9	6	5299.26	.3803	.5212	2015.095	2761.87	5294.47	.3804	.5200	2014.016	2753.12	1.079	5.57
510	6	5299.33	.3799	.5362	2013.394	2841.41	5296.38	.3802	.5340	2013.683	2828.26	1.079	8.75
1	6	5302.38	.3795	.5241	2012.224	2778.93	5292.41	.3800	.5280	2011.115	2794.39	.269	13.15
2	7	5281.88	.3812	.5236	2013.555	2765.29	5279.03	.3813	.5230	2012.894	2760.93	1.109	15.46
3	7	5306.32	.3796	.5113	2014.245	2713.02	5303.69	.3802	.5135	2016.462	2723.44	.661	4.36
4	72	5299.72	.3800	.5271	2013.824	2792.85	5296.17	.3806	.5305	2015.722	2809.61	2.217	10.42
5	6	5284.55	.3807	.5341	2011.742	2822.53	5280.20	.3808	.5350	2010.700	2824.90	1.898	16.78
6	6	5285.20	.3806	.5274	2011.499	2787.19	5281.96	.3804	.5300	2009.257	2793.43	1.042	2.37
7	6	5298.99	.3800	.5352	2013.634	2836.01	5295.57	.3806	.5345	2015.493	2830.48	2.242	12.24
8	6	5290.98	.3804	.5284	2012.815	2795.55	5288.36	.3807	.5290	2013.278	2797.54	1.859	5.53
9	6	5290.92	.3904	.5331	2012.641	2820.85	5286.39	.3804	.5315	2011.703	2810.77	.463	1.99
520	6	5284.45	.3808	.5260	2012.084	2779.69	5281.61	.3810	.5270	2012.293	2783.40	.938	10.08
1	9	5293.60	.3803	.5506	2012.990	2914.90	5291.22	.3804	.5515	2012.780	2918.10	.209	3.71
2	6	5294.95	.3803	.5372	2013.634	2844.49	5292.68	.3806	.5395	2014.394	2855.40	.760	3.20
3	6	5282.00	.3809	.5598	2011.807	2956.90	5277.18	.3812	.5585	2011.661	2947.30	.146	10.91
4	9	5293.87	.3808	.5402	2016.094	2859.58	5289.20	.3809	.5425	2014.656	2869.39	1.438	9.60
5	8	5329.31	.3778	.5403	2013.445	2879.22	5324.09	.3785	.5410	2015.168	2880.33	1.723	9.81
6	6	5305.56	.3790	.5429	2010.807	2880.30	5301.60	.3796	.5435	2012.487	2881.41	1.680	1.11
7	9	5280.57	.3810	.5209	2012.038	2750.74	5276.61	.3810	.5200	2010.388	2743.83	1.650	1.11
8	8	5301.52	.3795	.5244	2011.820	2780.13	5297.54	.3795	.5265	2010.416	2789.15	1.650	6.91
9	8	5291.64	.3803	.5245	2012.474	2775.34	5286.66	.3804	.5240	2011.045	2770.20	1.404	9.02
530	9	5312.18	.3794	.5234	2015.576	2780.61	5307.26	.3796	.5240	2014.635	2781.00	1.429	5.14
1	6	5277.81	.3816	.5397	2014.130	2848.22	5272.64	.3820	.5405	2014.148	2849.86	.941	.39
2	7	5296.03	.3807	.5340	2016.344	2828.18	5291.82	.3809	.5390	2015.654	2852.29	.018	1.64
Fwd.	243557.10	92602.520	128776.55	243400.71	92592.039	128858.89	19.115	29.596	205.59	123.24			

Rwd. 243557.10 92602.520 128776.55 243400.71 92592.039 128858.89 19.115 29.596 205.58 123.24

533	6	5323.53	.3789	.5512	2016.841	2834.42	5319.40	.3792	.5545	2017.116	2949.60	.275	15.18
4	6	5316.70	.3788	.5271	2014.166	2802.20	5312.97	.3793	.5265	2015.209	2797.27	1.043	4.93
5	8	5296.65	.3801	.5301	2013.546	2807.49	5293.81	.3805	.5315	2014.294	2813.66	.948	6.17
6	7	5295.63	.3800	.5281	2012.455	2796.61	5293.07	.3805	.5315	2014.013	2813.26	1.558	16.65
7	6	5282.67	.3814	.5289	2014.679	2799.36	5280.53	.3818	.5330	2016.106	2814.52	1.427	15.16
8	7	5296.68	.3803	.5238	2014.246	2774.10	5291.66	.3814	.5270	2018.239	2788.70	3.993	14.60
9	6	5295.03	.3805	.5203	2014.757	2754.94	5287.42	.3812	.5185	2015.564	2730.95	.807	23.99
540	7	5329.56	.3782	.5352	2015.670	2852.53	5323.05	.3795	.5330	2020.097	2837.18	4.227	15.35
1	6	5285.04	.3813	.5259	2015.053	2779.38	5278.80	.3822	.5285	2017.557	2789.84	2.504	
2	7	5281.06	.3812	.5367	2013.065	2834.28	5278.30	.3814	.5395	2013.143	2847.64	.078	10.46
3	8	5293.53	.3801	.5287	2012.237	2798.62	5291.27	.3804	.5290	2012.799	2799.08	.562	13.36
4	6	5306.33	.3791	.5152	2011.763	2735.94	5303.89	.3793	.5185	2011.765	2739.45	.002	5.51
5	8	5296.59	.3803	.5208	2014.360	2758.22	5294.15	.3807	.5210	2015.482	2758.25	1.122	
6	8	5292.82	.3803	.5261	2012.603	2784.51	5290.36	.3803	.5230	2011.923	2798.60		.680
7	6	5287.45	.3805	.5228	2012.055	2764.40	5282.22	.3820	.5265	2017.808	2781.08	5.753	14.09
8	7	5280.56	.3809	.5188	2011.295	2739.69	5275.20	.3820	.5210	2015.126	2748.37	3.831	16.68
9	7	5297.11	.3801	.5258	2013.261	2785.27	5291.84	.3807	.5270	2014.603	2788.79	1.342	8.68
550	7	5318.25	.3787	.5309	2013.820	2823.19	5313.79	.3788	.5330	2012.863	2832.25		3.52
1	7	5303.06	.3796	.5511	2013.157	2922.32	5298.58	.3797	.5520	2011.870	2924.81	.957	9.06
2	7	5295.61	.3801	.5311	2013.096	2812.60	5291.23	.3805	.5325	2013.313	2817.57	1.287	2.49
3	7	5302.02	.3797	.5308	2013.395	2814.07	5295.57	.3800	.5310	2012.316	2811.94	.217	4.97
4	50	5288.30	.3807	.5359	2013.115	2833.92	5286.29	.3807	.5410	2012.490	2859.88	1.079	25.96
5	7	5304.70	.3794	.5279	2012.901	2800.24	5303.36	.3801	.5300	2015.807	2810.78	2.906	10.54

365425.98 138914.056 193282.65 265177.47 138931.542 193512.36 51.710 34.224 399.15 169.64

Respectfully submitted, April 3, 1918.

Supt. M. & R. Dept.

Melting gain	34.224	169.64
Recoveries	17.486	229.51
Total gains	5.483	8.31
	22.949	237.82

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion on hand in M. & R. Dept., April 30, 1918.

	Fine ounces
Gold	
Refined	41,970.717
Unrefined	<u>1,176,733.517</u>
Total	1,218,704.234

Silver	
Refined	700,469.08
Ingots (Dime)	36,730.66
" (Quarter)	72,810.97
Unrefined	<u>471,537.15</u>
Total	1,281,347.86

	Troy ounces
Minor Coinage Metal	
Copper	1,753,718.21
Nickel	267,639.24
Zinc	27,966.24
Tin	23,479.85
Ingots (Bronze)	<u>45,939.90</u>
Total	2,118,743.44

Respectfully,

Joseph W. Milson
Supt. M. & R. Dept.

May 2, 1918.

Gain & Loss in Gold and Silver in Melting Gold Anodes; Denver Mint, April, 1918.

[illegible]

SILVER ANODES

556	6	5301.72	.3799	.5312	2014.327	2816.16	5299.23	.3800	.5325	2013.707	2821.83	.620	5.67
7	7	5291.82	.3802	.5293	2012.099	2801.14	5289.56	.3802	.5305	2011.090	2806.11	1.009	4.97
8	8	5291.29	.3803	.5353	2012.115	2832.18	5288.42	.3806	.5350	2012.772	2829.30	.657	2.88
9	7	5305.99	.3797	.5410	2014.488	2870.29	5303.86	.3800	.5410	2015.466	2869.38	.978	.91
560	9	5289.84	.3810	.5273	2015.540	2789.14	5287.25	.3814	.5280	2016.557	2791.86	1.017	2.52
1	8	5304.11	.3793	.5370	2011.804	2848.15	5301.60	.3795	.5385	2011.957	2854.91	.153	6.76
2	6	5278.36	.3813	.5105	2012.403	2894.54	5275.97	.3813	.5135	2011.727	2709.21	.676	14.67
3	6	5311.26	.3795	.5101	2015.589	2709.29	5309.00	.3795	.5135	2014.765	2726.17	.824	16.88
4	8	5298.64	.3805	.5217	2016.120	2764.49	5296.48	.3808	.5230	2016.899	2770.05	.779	5.56
5	8	5277.23	.3818	.5142	2014.715	2713.73	5274.19	.3820	.5150	2014.740	2716.20	.025	2.47
6	6	5293.86	.3800	.5286	2011.667	2798.19	5291.36	.3800	.5315	2010.716	2812.35	.951	14.16
7	7	5292.60	.3802	.4691	2012.376	2483.01	5283.62	.3807	.4720	2011.474	2493.86	.902	10.85
8	5	5284.73	.3806	.5232	2011.209	2764.77	5280.18	.3812	.5225	2012.804	2758.89	1.595	5.88
ard	68821.45	26174.452	35885.08	68780.72	26174.674	35259.92	5.204	4.982	84.51	9.67			

Fwd.	211911.48	80546.465	111544.07	38.10												
569	6	5300.10	.3801	.5430	2014.168	2877.28	5295.58	.3812	.5455	2018.675	2888.73	2797.35	4.507	4.982	84.51	9.67
570	7	5286.80	.3808	.5266	2013.481	2784.24	5283.02	.3811	.5295	2013.358	2797.35	2738.26				
1	6	5294.46	.3803	.5151	2013.719	2727.39	5291.34	.3804	.5175	2012.825	2738.26	2761.53				
2	10	5307.60	.3795	.5198	2014.302	2758.99	5305.55	.3798	.5205	2015.047	2761.53	2803.83				
3	6	5302.02	.3798	.5273	2013.740	2795.70	5300.25	.3803	.5290	2015.685	2761.53	2729.53				
4	8	5297.25	.3798	.5136	2011.754	2720.48	5294.92	.3798	.5155	2011.010	2729.53	2780.86				
5	10	5299.42	.3801	.5236	2014.156	2774.81	5296.88	.3800	.5250	2012.814	2780.86	2817.29				
6	7	5292.54	.3805	.5285	2013.591	2797.09	5290.89	.3806	.5325	2013.636	2817.29	2745.32				
7	7	5282.42	.3810	.5200	2012.665	2746.56	5279.48	.3812	.5200	2012.537	2745.32	2760.27				
8	7	5286.76	.3802	.5189	2013.697	2748.37	5285.81	.3811	.5215	2017.215	2760.27	2817.33				
9	6	5288.20	.3804	.5303	2011.810	2804.34	5309.19	.3796	.5270	2013.893	2817.33	2798.13				
580	6	5312.78	.3794	.5258	2015.621	2792.16	5281.05	.3813	.5305	2013.664	2801.59	2855.69				
1	7	5310.77	.3792	.5337	2013.626	2834.47	5303.05	.3792	.5315	2013.082	2808.27	2855.69				
2	59	5284.57	.3810	.5279	2013.354	2789.54	5283.68	.3810	.5305	2014.628	2855.69	3004.78				
3	8	5287.52	.3811	.5299	2015.109	2802.08	5313.51	.3792	.5655	2011.108	2769.64	2846.58				
4	10	5306.12	.3798	.5363	2015.199	2845.58	5300.76	.3794	.5225	2016.329	2846.58	2837.97				
5	6	5316.94	.3787	.5616	2013.652	2765.14	5271.45	.3825	.5400	2013.036	2837.97	2758.72				
6	9	5303.98	.3789	.5213	2009.782	2837.04	5281.73	.3817	.5430	2013.899	2758.72	2948.29				
7	6	5275.01	.3817	.5378	2013.394	2859.92	5288.99	.3807	.5215	2013.342	2948.29	2798.58				
8	6	5293.94	.3812	.5411	2014.096	2859.92	5281.73	.3817	.5430	2013.899	2758.72	2798.58				
9	7	5294.39	.3789	.5177	2016.463	2740.65	5312.25	.3790	.5550	2013.391	2798.58	2771.69				
590	60	5318.70	.3794	.5526	2015.005	2939.12	5305.38	.3795	.5275	2013.848	2771.69	2792.74				
1	6	5308.92	.3799	.5283	2014.197	2804.81	5299.60	.3800	.5230	2013.438	2792.74	2798.04				
2	8	5302.88	.3799	.5213	2014.826	2764.36	5319.52	.3785	.5250	2015.272	2798.04	2738.82				
3	9	5323.06	.3782	.5233	2012.980	2785.37	5300.56	.3802	.5275	2015.375	2738.82	1.180				
4	55	5302.25	.3797	.5285	2013.411	2802.01	5307.81	.3797	.5160	2015.375	2738.82	1.180				
5	10	5310.62	.3793	.5229	2014.215	2776.92										

Fwd. 211911.48 80546.465 111544.23 211786.47 80561.070 111803.57 31.427 16.822 320.55 61.21 5.27 38.10

April 11/18 - page 3

Fwd. 211911.48

596	7	5283.13	.3809	.5244	2012.329	2770.36	5280.36	.3808	.5285	2010.761	2790.67								
7	9	5281.59	.3813	.5140	2014.003	2714.91	5277.48	.3820	.5175	2015.997	2731.09	1.994	1.568	20.31					
8	6	5278.80	.3815	.5208	2013.904	2749.25	5277.34	.3821	.5240	2016.471	2765.32	2.567		16.19					
9	6	5293.38	.3809	.5305	2016.423	2808.23	5291.50	.3812	.5330	2017.119	2820.36	.696		12.13					
600	6	5308.77	.3797	.5274	2015.711	2799.86	5305.47	.3801	.5300	2016.609	2811.89	.898		12.03					
1	6	5283.56	.3806	.5324	2011.148	2813.16	5281.40	.3806	.5330	2010.100	2814.98		1.048	1.82					
2	11	5293.21	.3804	.5317	2013.352	2814.12	5290.01	.3804	.5345	2012.319	2827.51		1.033	13.39					
3	7	5299.86	.3807	.5328	2017.850	2771.02	5296.49	.3810	.5255	2017.962	2783.30	.112		12.28					
4	8	5305.30	.3798	.5310	2014.885	2817.28	5293.71	.3801	.5315	2012.139	2813.60								
5	8	5287.74	.3804	.5269	2011.622	2786.18	5284.59	.3810	.5325	2013.426	2814.04	1.806	2.746	27.86					
6	7	5313.11	.3790	.5426	2013.574	2883.09	5310.27	.3791	.5410	2013.123	2872.85		.451	10.24					
7	9	5280.09	.3809	.5303	2011.231	2799.91	5272.79	.3809	.5325	2008.405	2807.76		2.826	7.85					
8	6	5300.57	.3801	.5232	2014.495	2773.45	5296.68	.3802	.5230	2013.797	2770.16		.698	5.29					
9	9	5282.91	.3812	.5377	2013.773	2840.33	5281.04	.3817	.5380	2015.772	2841.19	1.999		.86					
610	8	5326.96	.3783	.5307	2015.379	2826.80	5323.57	.3786	.5320	2015.503	2832.13	.124		5.33					
1	12	5316.18	.3785	.5360	2012.114	2966.20	5313.23	.3788	.5390	2012.651	2964.78	.537		1.42					
2	7	5290.03	.3804	.5358	2012.433	2854.22	5288.19	.3805	.5390	2012.156	2850.33		.277	16.11					
3	7	5301.58	.3795	.5383	2011.935	2854.04	5299.10	.3795	.5420	2011.008	2872.11		.927	18.07					
4	7	5284.36	.3810	.5432	2013.442	2870.49	5281.86	.3813	.5465	2013.973	2886.53	.531		16.04					
5	64	5320.39	.3785	.5311	2013.684	2825.68	5316.73	.3783	.5305	2011.518	2820.52		2.366	5.16					

317843.02 120619.752 167862.81 317648.28 120831.681 168294.69 42.691 30.762 516.98 85.00 85.00

Melting gains
Month's recoveries

11.929 431.83
5.035 8.62
16.964 440.50

Respectfully submitted, May 2, 1918.

John W. Loom

Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion on hand in M. & R. Dept., May 31, 1918.

	Fine ounces
Gold, all unrefined	1,171,777.364

Silver

Refined	1,021,312.00
Ingots (Dime)	32,961.74
Unrefined	<u>438,438.90</u>
Total	1,492,712.64

Troy ounces

Minor Coinage Metal

Copper	358,344.20
Nickel	251,347.66
Tin	70,245.24
Zinc	<u>103,976.82</u>
Total	<u>1,283,913.92</u>

Respectfully,

Joel W. Milsom
Supt. M. & R. Dept.

June 1, 1918.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on hand in M. & R. Dept. June 29, 1918.

	Fine ounces
Gold, all unrefined	1,240,416.434

Silver

Refined	1,660,550.55
Unrefined	<u>512,371.90</u>
Total	2,172,922.45

Troy ounces

Minor Coinage Metal

Copper	1,846,851.07
Nickel	247,964.54
Tin	68,314.14
Zinc	<u>101,080.16</u>
Total	2,264,209.91

Respectfully submitted,

Joseph Milson
Supt. M. & R. Dept.

July 5, 1918.

221

The Superintendent of the Melting & Refining Department of the Denver Mint received, operated upon, and returned Gold and Silver Bullion, and Minor Coinage Metal, during the fiscal year 1918, as follows:

Receipts Items	Gold Acct. Fine ozs.	Silver Acct. Fine ozs.	Nickel Acct. Troy ozs.	Bronze Acct. Troy ozs.
Settlement bullion of June 30th 1917-	1,472,121.481	1,299,007.00	439,975.55	767,415.10
Deposits - - - -	851,966.559	1,296,288.10		
Redeposits - - - -	543,073.295	332,333.68		
Clippings - - - -		2,432,650.72)	764,065.90	2,379,924.80
Condemned coin & blanks		221,773.69)	31,798.90	145,061.30
Treasury purchases		5,334,956.52		
Coiner's sweeps - -		89.47		
Proof metal - - - -	50.000			
Supt's sweeps bars	68.031	110.64		
Helena " "	31.312	46.05		
Miscellaneous - - -		1,535.48		
Surplus - - - - -		3,900.89		
Refinery copper - -				4,404.16
Ingot copper - - - -			2,087,500.00	8,150,729.17
Nickel - - - - -			729,166.66	
Zinc - - - - -				182,043.75
Tin - - - - -				118,292.71
Total Dr.	2,867,310.678	10,823,692.24	4,102,507.01	11,747,870.99

Returns
Items.

Ingots prior to Setmt.		8,065,653.40	3,011,825.80	10,019,100.80
Merchant bars - - -	1,386.136	76,958.11		
Fine bars, transfer		500,181.67		
" " at settlement		1,660,550.55		
Certificate bars - -	1,624,352.498			
Sweeps - - - - -	1,155.610	3,075.72		
Imported bars - - -	1,157,788.339	408,009.99		
Settlement bullion-	82,432.646	108,262.80		
Wastage - - - - -	195.449			
Ingot copper - - - -			27,053.30	31,583.00
Nickel - - - - -			822,426.69	974,130.55
Zinc - - - - -			241,201.22	
Tin - - - - -				100,132.67
Copper to alloy - - -				67,682.49
				555,241.49
Total cr.	2,867,310.678	10,823,692.24	4,102,507.01	11,747,870.99

Respectfully submitted, July 11th 1918.

Joseph W. Wilson
Superintendent M. & R. Department.

Refinery Operations, Denver Mint, Fiscal Year 1918.

Gold Account.	Delivered to Refinery.	Returned from Refinery.
Crude bullion with charges - -	1,596,807.922	
Bullion without charges - - -	53,927.287	
Bullion .992 and over - - - -	59,618.950	1,625,749.288
Fine bars - - - - -		84,406.308
Settlement bullion, sweeps, etc.		198.663
Wastage - - - - -		
Totals-	1,710,354.159	1,710,354.159

Silver Account.

Crude bullion with charges - -	1,192,329.94	
Bullion without charges - - -	89,249.82	
Bullion .998 and over - - - -	556,294.40	1,725,979.39
Fine bars - - - - -		111,988.15
Settlement bullion, sweeps, etc.	93.38	
Surplus - - - - -		
Totals-	1,837,967.54	1,837,967.54

By-products.	Troy ounces.	Estimated value.
Electrolytic copper	1,082.38 lbs.	\$ 286.83
Platinum sponge	80.72 ozs.	8,072.00
Palladium "	2.88 "	230.40
Charges collected P. & R.		98,721.55
Total earnings -		\$ 107,310.78

Respectfully submitted, July 11th 1918.

John W. McDonald
Superintendent M. & R. Department.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on hand in M. & R. Dept., July 31, 1918.

	Fine ounces
Gold, all unrefined	1,304,671.997
Silver	
Refined	1,660,550.55
Unrefined	<u>594,719.71</u>
Total	2,245,270.26

	Troy ounces
Minor Coinage Metal	
Copper	1,796,557.24
Nickel	241,201.22
Tin	67.682.48
Zinc	<u>100,132.67</u>
Total	2,205,573.61

Respectfully submitted,

Jarman St John

For Supt. M. & R. Dept.

August 7, 1918.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion on hand in M. & R. Dept., August 31, 1918.

	Fine ounces
Gold	
Refined	25,683.999
Unrefined	<u>1,337,455.704</u>
Total	1,363,119.703
Silver	
Refined	1,742,771.64
Unrefined	<u>584,610.27</u>
Total	2,327,381.91
Minor Coinage Metal	Troy ounces
Copper	1,296,424.34
Nickel	241,201.22
Tin	57,153.38
Zinc	84,338.97
Ingot (Bronze)	<u>17,490.40</u>
Total	1,696,608.31

Respectfully,

John H. Fetrick
Supt. M. & R. Dept.

Sept. 4, 1918.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion on Hand at close of business, September 30, 1918.

	Fine ounces
Gold	
Refined	18,051.538
Unrefined	<u>1,269,856.900</u>
Total	1,287,908.438
 Silver	
Refined	1,649,796.31
Unrefined	596,490.45
Half Dollar Ingots	<u>29,735.69</u>
Total	2,276,022.45
 Minor Coinage Metals	Troy ounces
Copper	963,452.09
Nickel	241,201.22
Tin	50,145.44
Zinc	73,824.06
Bronze Ingots	<u>20,836.40</u>
Total	1,349,457.21

Respectfully submitted,

James M. Leonard
Supt. M. & R. Dept.

Oct. 2, 1918.

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, August, 1918.

Melt Bars Weight	Before melting				After Melting			
	Refined Silver		Fine ounces		Refined Silver		Fine ounces	
	Gold	Silver	Gold	Silver	Gold	Silver	Gold	Silver
1 7 5843.01 .9477 .0463 5528.986 270.18 5829.38 .9479 .0495 5525.669 288.55								
2 7 5679.58 .8862 .0861 5033.329 489.00 5677.48 .8867 .0870 5034.221 493.94								
3 7 5722.32 .8820 .0967 5046.969 553.44 5719.54 .8827 .0960 5048.637 549.07								
4 6 5767.25 .8912 .0883 5139.489 509.28 5765.31 .8903 .0885 5132.855 510.22								
5 6 5635.04 .9118 .0635 5192.730 361.37 5693.36 .9109 .0645 5186.081 367.22								
6 34541.65 51478.919 2444.21 34526.60 51462.312 2483.55 2.560 19.167 43.71 4.37								

Month's recoveries
Loss, gold 18.607 39.34
Loss, silver 9.747 7.80
47.14

SILVER ANODES

1 8 5237.41 .3799 .5195 2012.633 2751.90 5294.87 .3806 .5200 2015.227 2753.33 2.594 1.43									
2 6 5297.50 .3800 .5305 2013.219 2810.44 5296.26 .3803 .5275 2014.163 2793.77 .944 16.67									
3 6 5293.75 .3803 .5189 2013.205 2746.81 5290.62 .3804 .5180 2012.551 2740.54 .654 6.27									
4 7 5299.88 .3802 .5295 2015.194 2806.35 5296.39 .3804 .5285 2012.860 2799.30 .354 7.05									
5 6 5297.38 .3799 .5300 2012.633 2607.42 5294.15 .3801 .5300 2012.306 2806.89 .327 1.53									
6 5 5294.58 .3802 .5215 2013.028 2761.27 5293.12 .3805 .5230 2014.032 2768.30 1.006 7.03									
7 6 5277.19 .3811 .5245 2011.163 2768.09 5274.15 .3813 .5253 2011.033 2771.56 1.50 3.47									
8 6 5304.72 .3794 .5199 2012.576 2757.69 5301.27 .3796 .5205 2012.362 2759.31 .214 1.62									
9 6 5298.37 .3802 .5286 2014.327 2852.81 5295.00 .3803 .5295 2013.688 2851.35 .639 2.48									
10 6 5295.32 .3802 .5184 2012.423 2744.28 5288.99 .3808 .5200 2014.047 2750.27 1.624 5.99									
11 7 5301.73 .3797 .5213 2013.205 2763.74 5298.23 .3801 .5230 2013.857 2770.97 .654 7.23									
12 7 5304.46 .3797 .5130 2014.245 2721.34 5299.94 .3800 .5170 2013.977 2740.06 .268 16.72									
13 6 5307.30 .3793 .5290 2013.023 2807.66 5304.75 .3800 .5290 2015.805 2806.21 2.782 1.45									
14 8 5306.44 .3796 .5093 2014.369 2702.67 5301.97 .3800 .5110 2014.748 2709.30 .379 6.63									
15 6 5304.36 .3795 .5542 2012.981 2929.82 5299.45 .3808 .5540 2018.030 2935.89 5.049 3.93									
16 6 5305.45 .3795 .5527 2013.565 2927.72 5300.64 .3798 .5520 2013.183 2925.95 .332 11.57									
17 6 5220.00 .3805 .5426 2013.272 2871.40 5229.06 .3794 .5425 2011.958 2869.31 .417 2.18									

90070.77 34225.180 47552.30 90019.15 34235.227 47551.51 15.032 4.385 52.12 53.11

AUG/18 - page 2

Fwd. 90075.87

34225.180 47552.30

90019.15

34235.827

47551.31

15.032

4.385 52.12

53.11

18	6	5300.31	.3799	.5477	2013.632	2903.07	5298.27	.3804	.5485	2015.461	2906.15	1.829			
9	6	5296.24	.3801	.5507	2013.023	2916.78	5294.09	.3807	.5500	2015.460	2911.74	1.837			
20	6	5302.78	.3798	.5160	2013.943	2736.05	5299.25	.3801	.5155	2014.244	2731.76	.301			
1	14	5310.42	.3797	.5446	2016.320	2892.03	5303.22	.3798	.5450	2014.162	2890.25				
2	15	5298.69	.3802	.5585	2014.623	2959.41	5295.25	.3803	.5585	2013.783	2957.39				
3	14	5285.75	.3809	.5315	2013.494	2809.52	5278.72	.3812	.5315	2012.248	2805.63				
4	14	5296.11	.3809	.5580	2017.166	2954.97	5293.12	.3800	.5555	2011.385	2940.32				
5	14	5298.77	.3798	.5401	2012.619	2861.88	5292.94	.3801	.5375	2013.846	2844.95				
6	15	5304.84	.3795	.5321	2013.036	2822.87	5299.00	.3800	.5295	2013.620	2805.82				
7	14	5288.40	.3804	.5490	2011.818	2903.44	5271.23	.3766	.5505	1985.145	2901.81				
8	14	5303.53	.3800	.5264	2015.279	2791.81	5300.23	.3798	.5250	2013.027	2779.02				
9	15	5301.66	.3798	.5220	2013.405	2767.68	5292.72	.3803	.5245	2014.989	2782.62				
30	6	5298.19	.3800	.5471	2013.414	2898.48	5297.43	.3802	.5415	2012.821	2897.76				
1	7	5298.73	.3799	.5438	2013.181	2881.22	5297.43	.3802	.5415	2014.082	2868.55				
2	7	5283.59	.3808	.5505	2011.997	2908.85	5251.62	.3786	.5620	1988.339	2951.52				
3	13	5282.95	.3810	.5408	2012.713	2857.04	5275.10	.3816	.5405	2012.978	2851.19				
4	13	5285.65	.3806	.5410	2011.592	2859.47	5283.85	.3807	.5370	2011.561	2837.42				
5	13	5283.25	.3811	.5176	2013.311	2734.72	5277.49	.3817	.5190	2014.417	2739.01				
6	12	5293.48	.3804	.5424	2013.462	2871.22	5290.22	.3810	.5420	2015.573	2867.29				
7	7	5296.25	.3802	.5330	2013.468	2822.97	5294.01	.3802	.5340	2012.782	2827.00				
8	6	5302.98	.3799	.5414	2014.569	2871.23	5295.18	.3803	.5400	2015.278	2861.55				
9	6	5298.07	.3799	.5270	2012.639	2791.84	5295.49	.3801	.5500	2013.815	2806.60				
40	8	5296.95	.3803	.5335	2014.350	2825.82	5302.22	.3798	.5320	2016.396	2827.61				
1	12	5303.84	.3796	.5218	2013.213	2767.35	5294.80	.3803	.5205	2013.783	2767.75				
2	13	5296.59	.3802	.5190	2013.628	2748.69	5304.09	.3794	.5425	2013.612	2755.94				
3	14	5305.12	.3794	.5449	2012.854	2890.67				2013.371	2877.46				
4	14	5295.80	.3809	.5603	2017.030	2967.41	5294.28	.3807	.5620	2015.532	2975.38				

Fwd. 233084.81

84570.944 118756.50 232890.75

84580.053 118667.42 28.067 18.958 110.58 199.66

Aug/18 - page 3

Fwd. 233084.81

		84580.053	118667.42	28.067	18.958	110.58	199.66
45	6	5297.43	2867.66	5192.89	3805	5395	2013.944
6	7	5296.83	2824.42	5293.77	3802	5335	2012.691
7	6	5296.33	2788.78	5292.07	3802	5255	2012.045
8	6	5308.43	2726.64	5305.22	3802	5165	2012.044
9	6	5297.04	2847.56	5293.77	3802	5375	2012.691
50	6	5296.19	2761.49	5294.01	3796	5180	2009.606
1	6	5296.45	2772.24	5291.27	3815	5145	2018.619
2	7	5296.94	2726.59	5294.71	3801	5135	2012.519
3	15	5305.09	2850.81	5303.23	3798	5350	2014.166
4	13	5307.90	2720.13	5305.70	3790	5110	2010.860
5	14	5310.47	2935.68	5308.57	3802	5515	2018.318
6	13	5295.92	2798.30	5289.76	3808	5300	2013.282
7	6	5288.70	2821.96	5286.78	3806	5370	2012.148
8	6	5296.63	2771.54	5295.69	3805	5295	2015.010
9	7	5297.43	3002.08	5295.42	3800	5660	2012.259
60	6	5299.98	2889.11	5297.77	3804	5475	2015.271
1	6	5296.16	2723.35	5294.25	3798	5170	2010.756
2	6	5298.25	2884.09	5296.28	3797	5460	2010.997
3	6	5295.64	2704.39	5291.70	3804	5115	2012.962
4	91	5304.75	2759.41	5302.96	3795	5260	2012.473
5	15	5314.39	3107.30	5310.26	3786	5860	2010.464
6	14	5307.89	2990.35	5304.90	3795	5645	2013.209
7	16	5294.14	2862.61	5290.31	3802	5445	2011.375
8	14	5298.32	2848.95	5294.58	3809	5420	2016.705
9	6	5298.42	2922.39	5296.41	3807	5520	2016.343
70	7	5303.79	2837.72	5302.56	3800	5355	2014.972
1	6	5294.61	2887.86	5291.58	3804	5475	2012.917
2	6	5301.00	2927.60	5299.24	3802	5350	2017.950

Fwd. 381477.00

140951.477 198217.31 381206.41

140961.649 198194.53

48.156 37.984 311.44 334.22

Gain & Loss in Gold and Silver in Melting SILVER ANODES, Denver Mint, September, 1918.
(No Gold Anodes in September)

Melt Bars	Weight	Before Melting				After Melting				Fine ounces			
		Fineness		Fine ounces		Fineness		Fine ounces		Gold		Silver	
		Gold	Silver	Gold	Silver	Gold	Silver	Gold	Silver	Gain	Loss	Gain	Loss
97	6	5300.26	.3801	5226	2014.385	2769.78	5298.12	.3801	.5240	2013.815	2776.21		
8	6	5293.48	.3802	.5651	2012.795	2991.19	5292.21	.3806	.5675	2014.215	3003.32	1.420	.570
9	7	5302.42	.3799	.5544	2014.457	2939.85	5300.23	.3802	.5540	2015.147	2936.32	.690	6.43
100	6	5309.20	.3792	.5582	2013.256	2963.80	5305.81	.3795	.5585	2018.493	2963.29		12.13
1	7	5296.25	.3799	.5234	2012.174	2772.32	5295.04	.3801	.5225	2012.844	2766.65	.470	3.53
2	7	5295.71	.3799	.5249	2012.269	2779.76	5294.34	.3799	.5250	2011.319	2779.52		.51
3	7	5297.92	.3800	.5212	2013.598	2761.80	5295.81	.3802	.5215	2013.466	2761.76		5.67
4	7	5296.01	.3803	.5225	2014.300	2767.56	5294.29	.3803	.5220	2013.418	2763.61		.04
5	8	5303.79	.3802	.5560	2016.701	2949.04	5302.24	.3804	.5535	2016.972	2934.78	.271	3.95
6	7	5315.05	.3792	.5227	2015.203	2779.27	5312.23	.3794	.5255	2015.460	2791.57	.257	14.26
7	8	5297.15	.3802	.5336	2014.089	2842.46	5294.45	.3805	.5370	2014.538	2845.11	.449	5.11
8	7	5285.05	.3811	.5298	2014.387	2800.13	5285.60	.3817	.5290	2016.750	2795.02	2.363	.65
9	8	5296.16	.3800	.5181	2012.514	2743.80	5298.03	.3809	.5200	2016.430	2753.17	4.183	9.37
110	11	5299.44	.3801	.5131	2014.159	2719.30	5296.51	.3805	.5150	2016.697	2728.48	3.271	5.11
1	9	5297.34	.3802	.5356	2014.145	2837.44	5298.05	.3806	.5345	2016.430	2728.48	1.177	3.69
2	7	5300.24	.3800	.5391	2014.286	2857.48	5298.46	.3804	.5400	2015.541	2861.17	1.255	2.80
3	7	5296.17	.3804	.5203	2014.643	2755.81	5294.25	.3802	.5200	2016.050	2753.01	1.407	4.79
4	7	5298.65	.3802	.5172	2014.911	2740.52	5296.67	.3802	.5165	2013.793	2735.73		9.49
5	7	5296.05	.3805	.5266	2015.197	2788.80	5294.68	.3805	.5240	2014.344	2774.41	.409	4.42
6	7	5296.53	.3803	.5246	2014.213	2778.83	5294.68	.3805	.5240	2014.625	2772.97		
7	7	5295.86	.3804	.5229	2014.627	2769.04	5293.85	.3808	.5240	2015.898	2772.97	1.271	
8	7	5294.80	.3801	.5187	2012.581	2746.25	5295.05	.3804	.5130	2013.476	2747.09	.895	
9	7	5292.17	.3800	.5248	2013.628	2777.99	5295.96	.3804	.5260	2014.583	2785.67	.965	
120	7	5298.52	.3800	.5237	2013.584	2774.72	5296.04	.3800	.5240	2012.495	2775.12		
1	7	5294.96	.3803	.5231	2013.647	2774.09	5293.61	.3802	.5230	2014.747	2768.55	1.100	1.54
2	7	5301.64	.3801	.5251	2014.971	2784.11	5298.69	.3805	.5250	2016.113	2781.75	1.142	2.36
3	7	5297.45	.3799	.5220	2012.463	2764.94	5295.35	.3802	.5230	2012.911	2768.94	.445	4.00
4	6	5297.32	.3806	.5128	2013.362	2716.63	5295.32	.3802	.5130	2013.358	2716.60		.03
5	14	5280.33	.3814	.5327	2014.122	2812.81	5276.27	.3818	.5270	2014.479	2720.59	.551	32.02
6	12	5282.00	.3803	.5410	2014.374	2863.73	5288.74	.3806	.5430	2012.624	2871.78		
7	14	5281.22	.3811	.5179	2012.696	2733.27	5277.22	.3834	.5350	2023.286	2770.54	10.590	8.05

Prod. 161207.03 62431.739 88853.32 164,132.69 62457.277 86872.02 33.381 7.843 115.92 97.22

Sept/73 - page 2

Sept/13 - page 2		62451.739		86653.32		164138.69		62457.277		86373.02		33.381		7.943		115.92		97.22	
Fwd.		364207.86																	
129	12	5265.39	3819	5280	2011.071	2769.92	5264.39	3821	5280	2011.523	2779.59	.452	9.67	5.17					
9	18	5309.94	3791	5292	2012.935	2809.92	5306.76	3802	5310	2017.830	2817.88	4.795	7.96	17.00					
150	16	5294.22	3804	5278	2013.857	2794.12	5292.13	3806	5270	2014.184	2788.95	.327		6.65					
1	14	5300.86	3801	5445	2015.077	2826.07	5292.38	3805	5415	2016.033	2869.07	.956		3.59					
2	17	5297.07	3799	5601	2012.232	2866.63	5295.14	3804	5590	2014.271	2959.98	2.039							
3	6	5288.66	3811	5397	2015.388	2854.52	5294.78	3812	5395	2014.558	2851.13	1.781	1.03						
4	8	5293.44	3804	5291	2016.625	2803.42	5296.42	3809	5295	2017.406	2804.45	1.298	11.55	8.95					
5	7	5301.84	3796	5193	2012.339	2752.62	5300.44	3799	5215	2013.637	2764.17	.605	32.40	6.13					
6	9	5310.37	3798	5479	2017.117	2909.99	5308.40	3801	5485	2017.722	2901.04	1.737		3.37					
7	84	5288.50	3810	5132	2015.135	2745.75	5286.69	3815	5355	2016.872	2778.15	.770		1.12					
8	6	5305.89	3797	5469	2014.750	2902.11	5304.00	3800	5460	2015.520	2895.98		12.36						
9	9	5299.45	3805	5413	2016.315	2868.12	5295.30	3807	5410	2015.920	2864.75	.638							
140	7	5307.84	3791	5558	2012.396	2950.16	5304.44	3795	5585	2013.034	2962.52	1.530	1.26						
1	7	5299.03	3804	5560	2015.636	2946.35	5297.18	3808	5560	2017.168	2945.23	.191	10.51	6.13					
2	3	5294.28	3805	4826	2014.474	2554.96	5292.39	3806	4830	2014.283	2556.22	2.508	2.30	3.37					
3	9	5303.50	3802	4849	2018.436	2571.49	5301.85	3808	4870	2018.944	2609.16	.380	8.21						
4	6	5305.33	3804	4914	2018.211	2606.86	5303.18	3808	4920	2019.450	2719.96	1.340	5.57						
5	9	5299.47	3803	5117	2015.098	2711.75	5296.92	3805	5135	2015.478	2752.39	.251							
6	8	5300.62	3801	5182	2014.613	2746.82	5293.17	3805	5195	2015.953	2728.89	2.839	6.87	4.19					
7	8	5299.35	3805	5151	2016.558	2729.82	5293.69	3804	5155	2013.719	2792.18	.236	1						
8	7	5290.96	3804	5558	2012.738	2940.57	5287.60	3807	5550	2012.989	2934.61	2.605	17.63	3.47					
9	17	5310.04	3798	5837	2016.780	3099.22	5305.30	3801	5835	2016.544	3095.64	7.704	4.29	17.92					
150	17	5297.27	3799	5316	2012.587	2815.98	5296.17	3805	5330	2015.192	2822.85	1.873	6.33	7.69					
1	7	5289.84	3805	5286	2012.997	2796.37	5288.22	3798	5280	2005.393	2792.18	.172	12.62						
2	7	5299.78	3806	5396	2017.148	2859.61	5298.79	3806	5430	2016.719	2877.24	2.512	262.19	192.74					
3	11	5284.49	3815	5249	2016.092	2773.87	5276.97	3817	5250	2014.219	2770.40	39.274	69.45						
4	11	5286.71	3806	5297	2012.386	2800.21	5294.52	3810	5265	2013.402	2782.29	6.860	7.80						
5	12	5276.66	3815	5422	2013.248	2861.21	5274.53	3819	5410	2014.343	2853.52	46.134	77.25						
6	14	5292.82	3806	5396	2014.207	2855.97	5290.76	3809	5410	2015.250	2862.30								
7	6	5291.25	3805	5544	2013.252	2933.48	5289.23	3806	5570	2013.080	2946.10	61.786	22.512	262.19	192.74				
		323097.25			122868.337	171471.21	322951.43			122907.611	171540.66	22.512	192.74						

Respectfully submitted, October 14, 1918.

Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on hand at close of business, October 31, 1918.

	Fine ounces
Gold	
Refined	23,084.861
Unrefined	<u>1,162,054.479</u>
Total	1,185,139.340
Silver	
Refined	1,363,823.56
Half Dollar Ingots	44,989.20
Unrefined	<u>587,090.54</u>
Total	1,995,903.30
	Troy ounces
Minor Coinage Metals	
Copper	1,591,050.99
Nickel	241,201.22
Zinc	66,011.40
Tin	44,935.00
Bronze Ingots	<u>10,413.30</u>
Total	1,953,611.91

Respectfully,

Joseph M. Wilson
Supt. m. & R. Dept.

Gain & Loss in Gold and Silver in Melting Gold Anodes, Denver Mint, October, 1918.

Melt Bars	Weight	Before Melting				After Melting				Fine ounces			
		Fineness		Fine ounces		Fineness		Fine ounces		Gold		Silver	
		Gold	Silver	Gold	Silver	Gold	Silver	Gold	Silver	Gain	Loss	Gain	Loss
7	12	5905.70	.9496	.0429	5608.344	253.53	5905.01	.9497	.0480	5607.987	283.44	.357	29.91
8	7	5730.10	.9162	.0678	5249.715	368.49	5727.88	.9164	.0630	5249.029	360.85	.686	27.64
9	7	5756.56	.9182	.0657	5285.360	377.95	5755.37	.9184	.0620	5285.731	356.83	.371	21.12
10	8	5795.25	.9167	.0722	5312.285	416.56	5794.67	.9169	.0730	5313.132	423.01	.847	4.45
11	7	5836.51	.9130	.0763	5328.630	445.16	5835.84	.9131	.0760	5328.705	443.52	.075	1.64
12	6	5871.40	.9295	.0610	5457.063	358.02	5870.67	.9295	.0610	5456.797	356.11	.276	.09
34895.52		32241.397		2241.71		34899.44		32241.371		2225.76		1.293	
										1.519		34.45	
										1.293		50.40	
										.026		24.47	
												15.95	

Apparent melting loss
Month's recoveries, None

SILVER ANODES

156	7	5289.41	.3604	.5726	2011.842	3028.85	5287.60	.3805	.5735	2011.931	3032.43	.089	3.58
9	7	5294.60	.3801	.5394	2012.467	2855.96	5292.44	.3805	.5375	2012.772	2844.68	1.306	11.28
160	7	5297.79	.3801	.5474	2013.057	2899.76	5296.51	.3804	.5440	2014.792	2881.30	.935	18.46
1	7	5295.56	.3806	.5317	2015.565	2815.44	5293.75	.3807	.5320	2015.330	2816.27	.235	.83
2	7	5300.45	.3797	.5184	2012.590	2747.83	5298.61	.3799	.5175	2012.941	2742.03	.351	5.20
3	7	5297.75	.3802	.5295	2013.938	2805.27	5295.95	.3807	.5290	2016.168	2801.55	2.230	3.72
4	7	5297.46	.3798	.5357	2010.672	2837.73	5295.64	.3798	.5320	2011.284	2817.28	.612	20.45
5	8	5297.67	.3797	.5347	2011.657	2779.61	5295.77	.3807	.5320	2016.099	2769.68	4.442	9.93
6	10	5299.39	.3805	.5299	2016.580	2808.29	5297.56	.3811	.5295	2018.900	2805.05	2.520	3.34
7	5	5299.26	.3807	.5395	2017.637	2858.73	5294.85	.3811	.5420	2017.867	2869.80	.230	
8	5	5302.15	.3801	.4858	2015.170	2575.62	5298.89	.3810	.4860	2018.877	2585.85	3.707	11.07
9	6	5321.45	.3782	.5450	2012.856	2900.45	5318.22	.3782	.5480	2011.350	2914.38		10.23
170	6	5290.38	.3802	.5434	2011.628	2874.85	5288.47	.3805	.5460	2012.262	2887.50	.633	13.93
1	8	5310.36	.3792	.5449	2014.000	2893.95	5308.71	.3798	.5480	2016.248	2909.17	2.248	12.65
2	6	5292.25	.3803	.5270	2012.555	2841.87	5289.22	.3806	.5390	2013.077	2850.68	.522	15.22
3	6	5298.72	.3805	.5430	2016.270	2887.73	5295.66	.3808	.5440	2016.587	2880.83	.317	9.01
174	8	5305.05	.3798	.5485	2014.823	2909.69	5301.71	.3801	.5485	2015.179	2907.98	.357	6.90
												1.771	

Forward	20089.70	34253.906	48321.63	90049.56	34252.665	48316.66	20.499	1.740	76.52	91.49
---------	----------	-----------	----------	----------	-----------	----------	--------	-------	-------	-------

Oct/18 - page 2

Fwd.		90089.70	34233.906	48321.63	90049.56	34232.665	48316.66	20.499	1.740	76.52	81.49
175	10	5307.95	2014.903	2800.43	5305.22	2018.636	2814.41	3.733		13.98	
6	9	5288.46	2013.151	2670.24	5286.82	2013.221	2685.70	.070		15.46	
7	6	5289.66	2012.800	2859.20	5287.75	2013.046	2860.67	.246		1.47	
8	7	5288.67	2011.064	2786.70	5286.68	2009.995	2796.65		1.069	9.95	9.06
9	6	5319.08	2013.954	2856.43	5317.24	2015.235	2847.38	1.279			5.93
180	7	5291.83	2010.278	2933.14	5288.56	2010.710	2927.21	.432		5.97	
1	7	5298.31	2014.825	2763.22	5294.82	2015.741	2769.19	.916		5.81	
2	7	5296.66	2013.838	2774.39	5295.62	2013.924	2780.20	.086		13.35	
3	7	5299.04	2013.807	2746.48	5297.19	2014.521	2759.83	.714		5.31	
4	7	5298.35	2012.802	2747.89	5294.63	2012.488	2753.20		.314	10.30	6.34
5	7	5288.20	2014.155	2807.21	5286.15	2013.494	2817.51	.161			
6	7	5292.90	2015.710	2773.53	5291.00	2015.871	2767.19		1.539	1.60	
7	7	5292.90	2013.902	2793.43	5294.30	2012.363	2798.03	.684		21.93	5.54
8	8	5296.16	2013.268	2781.83	5290.13	2013.952	2803.76				
9	90	5292.55	2012.729	2906.23	5298.07	2014.326	2900.69	1.597			
190	6	5300.15	2012.515	2761.10	5295.26	2014.316	2766.77		.041	5.67	
1	7	5297.70	2014.257	2769.41	5294.70	2014.633	2774.42	2.318		5.01	10.04
2	7	5300.39	2013.767	2752.75	5297.93	2014.272	2754.92	.483		2.17	
3	6	5293.25	2015.562	2909.33	5290.68	2017.336	2899.29	1.753		4.01	
4	8	5289.44	2013.192	2874.80	5286.92	2014.316	2870.79	1.124		4.81	
5	7	5283.70	2018.835	2875.18	5281.28	2021.145	2870.37	2.290		6.72	
6	7	5282.20	2014.902	2974.83	5281.34	2016.415	2968.11	1.513		10.01	
7	6	5294.55	2012.957	2840.61	5290.85	2012.639	2830.60		.318		
8	6	5303.45	2013.821	2784.70	5300.22	2014.613	2774.66	.792			
9	8	5300.88	2014.290	2815.65	5298.60	2013.468	2816.20		.822	.55	
200	12	5301.20	2015.108	2789.75	5299.61	2016.501	2790.24	1.393		.49	
1	7	5297.65	2013.499	2775.71	5296.24	2013.630	2772.58	.131		7.76	3.13
2	7	5295.70	2012.176	2774.28	5294.09	2012.813	2782.04	.637			
203	7	5286.13	2013.249	2735.91	5284.84	2015.109	2729.61	1.860			6.30
Fwd.		243661.09	92633.185	129758.99	243556.31	92671.392	129798.88	44.711	6.504	203.30	163.41

Oct/18 - page 3

Fwd. 243661.09

92633.185 129758.99 243556.31

92671.392 129798.88 44.711

6.504 203.30 163.41

204	6	5293.12	.3803	.5230	2013.209	2768.54	5292.04	.3809	.5220	2015.738	2762.44	2.529							
5	7	5292.85	.3805	.5250	2013.762	2778.94	5291.21	.3810	.5220	2015.951	2762.01	2.189							
6	7	5292.22	.3805	.5232	2013.880	2769.14	5290.19	.3811	.5220	2016.091	2761.47	2.211							
7	7	5295.19	.3803	.5220	2013.527	2764.13	5293.12	.3800	.5220	2011.385	2763.00		2.142						
8	7	5286.31	.3809	.5213	2013.538	2755.77	5284.61	.3810	.5210	2013.436	2755.28		.102						
9	7	5312.62	.3793	.5304	2014.859	2817.57	5309.16	.3795	.5305	2014.826	2816.50		.033						
210	7	5282.94	.3811	.5358	2013.158	2830.71	5280.08	.3811	.5335	2012.238	2816.92		.920						
1	7	5285.60	.3808	.5323	2012.950	2813.44	5283.40	.3804	.5315	2009.805	2808.12		3.145						
2	8	5293.94	.3801	.5386	2012.009	2851.27	5291.53	.3803	.5400	2012.368	2857.42	.359							
3	8	5298.30	.3806	.5270	2016.433	2792.13	5296.49	.3810	.5265	2017.962	2788.60	1.529							
4	6	5305.10	.3798	.5140	2014.743	2885.70	5303.39	.3802	.5430	2016.348	2879.74	1.605							
5	8	5309.46	.3797	.5184	2016.153	2752.51	5306.59	.3800	.5195	2016.504	2756.77	.351							
6	7	5290.30	.3810	.5121	2015.763	2814.73	5288.48	.3813	.5345	2016.497	2826.69	.734							
7	7	5303.67	.3798	.5355	2014.195	2839.92	5301.85	.3802	.5350	2015.763	2836.48	1.568							
8	7	5279.46	.3815	.5254	2012.917	2773.51	5277.04	.3821	.5270	2016.356	2781.00	2.449							
9	5	5301.68	.3802	.5509	2015.491	2920.95	5299.95	.3805	.5510	2016.630	2920.27	1.039							
220	5	5301.05	.3799	.5675	2013.611	3006.18	5297.14	.3800	.5670	2013.798	3004.79	.105							
1	7	5298.90	.3798	.5223	2012.317	2769.23	5297.14	.3798	.5245	2011.853	2778.34		.544						
2	7	5296.98	.3807	.5250	2016.314	2790.66	5295.19	.3807	.5255	2015.878	2782.62		.476						
3	7	5304.99	.3798	.5164	2014.919	2739.59	5303.37	.3799	.5175	2014.750	2744.49		.179						
4	7	5295.92	.3801	.5243	2013.117	2776.90	5293.60	.3804	.5275	2013.385	2792.37	.558							
5	6	5281.75	.3814	.5321	2014.310	2810.49	5280.00	.3817	.5380	2015.376	2840.64	1.057							
6	8	5313.54	.3800	.5519	2018.954	2932.26	5311.49	.3806	.5530	2021.553	2937.25	2.593							

365476.96 138964.636 194505.26 365325.70 139016.183 194570.09 65.592 14.045 299.74 234.91

Respectfully submitted, Nov. 14, 1918.

Apparent Melting gains	14.045	234.91
Month's recoveries	51.547	64.83
	2.529	2.54
Apparent Total gains	54.076	67.37

Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on hand at close of business, November 30, 1918.

	Fine ounces
Gold	
Refined	22,362.206
Unrefined	<u>1,092,108.888</u>
Total	1,114,471.094
Silver	
Refined	1,066,570.00
Ingots (Quarter Dollar)	44,650.40
Unrefined	<u>581,341.08</u>
Total	1,692,561.48
	Troy ounces
Minor Coinage Metals	
Copper	1,379,304.52
Nickel	236,007.37
Zinc	59,813.72
Tin	40,805.20
Nickel Ingots	<u>13,593.40</u>
Total	1,729,527.21

Respectfully,

Dec. 4, 1918.

Joseph M. Wilson
Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on hand at close of business, December 31, 1918.

	Fine ounces
Gold	
Refined	42,462.227
Unrefined	<u>973,436.155</u>
Total	1,015,898.382
Silver	
Refined	1,040,712.13
Quarter Dollar Ingots	11,287.62
Unrefined	<u>556,588.08</u>
Total	1,608,587.83
	Troy ounces
Minor Coinage Metals	
Copper	1,147,056.68
Nickel	203,343.54
Zinc	55,577.04
Tin	<u>37,978.75</u>
Total	<u>1,443,956.01</u>

Respectfully,

John W. Lamborn
Supt. M. & R. Dept.

Jan. 4, 1919.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

January 23, 1919.

Hon. Thomas Annear,
Superintendent, U. S. Mint,
Denver.

Sir:

Prior to the year 1914, all porous clay cells used in our Refinery, and as well all porcelain ware and earthenware tanks were imported from Germany. In that year, owing to a very great deterioration in quality, a large increase in price, and our desire to get away from the necessity of purchasing German-made goods, we began experimenting with different substances in an effort to produce something to take the place of the German clay cells.

We succeeded in devising a wood cell for temporary purposes, but it was not satisfactory for permanent use.

Contemporaneously with our experiments, and at our request, The Herold China and Pottery Co., of Golden, Colo., began experimentation upon the manufacture of porous clay cells, and after many trials succeeded in producing a cell of a quality superior to any German cell we ever used. In purchasing the German cells, we were limited to a stock size which was a little too small for our use. The Golden factory ("Coors U.S.A.") make any size we desire, and we have used its cells exclusively ever since.

In our laboratory, we use the Herold company's chemical porcelain ware and find it equal if not superior to the best Royal Berlin ware. The said company at the present time is experimenting with the

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Superintendent - 2

manufacture of large size porcelain tanks for our gold cell work.
These goods are indispensably necessary in the operations of our electrolytic refinery.

Respectfully submitted,

Joseph Wilson

Supt. M. & R. Dept.

UNITED STATES DEPARTMENT OF THE MINT
MELTER AND REFINER'S DEPARTMENT

Bullion on hand at close of business, January 31, 1919.

Fine ounces

All unrefined	861,539.559
Refined	1,028,115.87
Quarter Dollar Ingots	33,270.84
Unrefined	<u>539,906.75</u>
Total	1,601,293.26

Troy ounces

Minor Coinage Metals

Copper	766,045.37
Nickel	457,781.48
Zinc	49,915.17
Tin	34,204.17
Ingots, bronze	<u>24,795.50</u>
Total	<u>1,332,741.69</u>

Respectfully,

Joseph M. Wilson
Supt. M. & R. Dept.

Jan. 1, 1919.

... silver anode melting, Denver Mint, November, 1918.

[illegible]

month's recoveries all included with silver anodes

Month's recoveries all included with													
227	6	5279.21	3812	5437	2012.400	2870.25	5276.57	3918	5435	2014.594	2867.81	2.194	2.44
		5322.56	3790	5382	2017.237	2864.68	5320.29	3792	5390	2017.453	2867.63	.186	
228	6	5301.50	3799	5362	2014.278	2842.68	5299.49	3802	5365	2014.866	2843.17	.590	5.75
		5301.50	3799	5362	2014.278	2842.68	5299.49	3802	5365	2014.866	2840.70	2.588	3.87
229	11	5301.35	3804	5369	2016.643	2846.45	5299.82	3810	5360	2019.231	2755.23	.568	2.06
		5301.35	3804	5369	2016.643	2846.45	5299.82	3810	5360	2014.168	2755.23	2.328	
230	11	5279.90	3814	5286	2013.600	2759.10	5278.22	3816	5220	2014.826	2810.89	1.628	10.94
		5304.50	3794	5303	2012.498	2812.95	5303.57	3799	5300	2014.826	2840.28	.094	1.10
231	11	5300.25	3806	5352	2017.302	2836.78	5299.05	3810	5360	2016.930	2928.16	2.64	
		5300.25	3806	5352	2017.302	2836.78	5299.05	3810	5360	2016.930	2862.65	1.309	20.00
232	8	5300.95	3801	5545	2015.096	2939.10	5301.21	3808	5400	2018.700	2934.85	1.917	4.75
		5302.19	3806	5401	2017.846	2863.75	5297.58	3806	5540	2016.258	2836.03	.403	7.55
233	10	5301.72	3801	5531	2014.949	2932.21	5310.93	3800	5340	2018.153	2849.82	1.816	5.20
		5314.78	3794	5299	2016.236	2816.03	5306.93	3797	5370	2015.041	2762.28	1.571	4.19
234	8	5310.80	3794	5357	2014.638	2845.07	5296.81	3803	5215	2014.376	2796.40	.051	6.01
		5298.30	3799	5199	2012.560	2754.73	5296.23	3802	5280	2013.628	2762.81	2.287	
235	7	5297.15	3799	5270	2012.055	2791.20	5297.82	3803	5215	2014.760	2780.90	6.01	
		5299.01	3799	5206	2013.053	2758.62	5302.01	3800	5245	2014.763	2753.86	19.710	30.71
240	1	5303.12	3799	5253	2014.712	2785.45	5295.90	3805	5200	2015.089	48093.47	57.28	
241	3	5296.85	3805	5188	2015.376	2747.85	90082.26		34289.856		19.710	57.28	

Fwd.	90114.04	34250.507	48066.90	90082.26	34269.836	48093.47	19.710	.381	57.28	30.71			
244	7	5289.01	.3807	.5216	2013.706	2758.54	5287.95	.3813	.5235	2016.295	2768.24	2.590	9.70
5	7	5299.90	.3801	.5225	2014.388	2769.25	5298.53	.3809	.5250	2018.210	2781.72	3.822	12.47
6	7	5298.53	.3805	.5230	2016.075	2770.99	5296.99	.3812	.5255	2019.212	2783.56	3.137	12.57
7	7	5299.25	.3805	.5513	2016.403	2821.39	5297.57	.3810	.5515	2018.374	2921.60	1.971	.21
8	9	5300.80	.3797	.5137	2012.558	2722.95	5299.50	.3801	.5140	2014.339	2723.94	1.781	.99
9	8	5296.40	.3803	.5284	2014.107	2798.38	5295.16	.3807	.5270	2015.867	2790.54	1.780	
250	8	5314.40	.3797	.5244	2017.760	2786.97	5313.35	.3798	.5250	2018.010	2789.50	.250	2.53
1	8	5288.56	.3815	.5224	2017.737	2762.53	5284.99	.3821	.5215	2019.394	2756.12	1.657	
2	8	5292.90	.3804	.5287	2013.601	2798.29	5290.78	.3810	.5295	2015.797	2801.46	2.186	
3	9	5302.14	.3800	.5235	2014.995	2775.65	5299.53	.3801	.5285	2014.351	2800.80	3.907	3.17
4	5	5304.15	.3793	.5333	2011.824	2828.92	5303.16	.3801	.5355	2015.731	2839.84	3.318	25.15
5	6	5312.24	.3798	.5204	2017.597	2764.23	5311.21	.3805	.5212	2020.915	2768.20	3.709	10.92
6	8	5288.23	.3806	.5283	2012.618	2793.96	5287.10	.3808	.5340	2013.327	2823.31	1.938	29.35
7	7	5298.70	.3805	.5305	2016.279	2811.08	5297.16	.3810	.5310	2018.217	2812.79	1.833	1.71
8	9	5296.40	.3803	.5218	2014.039	2763.90	5295.18	.3807	.5240	2015.875	2774.67	1.805	10.77
9	9	5301.82	.3797	.5313	2012.994	2816.66	5300.71	.3801	.5325	2014.799	2822.62	2.136	5.96
260	10	5299.62	.3804	.5318	2014.818	2816.75	5295.24	.3809	.5310	2016.956	2811.77	1.229	4.28
1	5	5302.45	.3795	.5341	2012.157	2854.90	5299.62	.3802	.5385	2013.774	2852.22	1.580	13.87
2	6	5287.83	.3808	.5347	2013.320	2827.17	5282.20	.3815	.5370	2015.159	2845.72	1.839	14.65
3	8	5291.60	.3811	.5221	2016.560	2762.70	5288.62	.3814	.5340	2017.079	2771.23	.519	8.53
4	6	5301.17	.3801	.5334	2015.228	2827.79	5297.66	.3805	.5310	2017.759	2813.05	1.760	16.13
5	8	5290.60	.3809	.5253	2014.863	2779.00	5288.61	.3813	.5285	2016.623	2795.13	2.787	8.19
6	10	5287.15	.3819	.5257	2019.020	2779.32	5284.39	.3826	.5275	2021.807	2787.51	1.645	19.11
7	10	5291.10	.3810	.5106	2015.879	2701.77	5286.40	.3815	.5145	2017.524	2720.88	3.716	29.95
8	10	5299.54	.3802	.5192	2015.008	2751.75	5298.49	.3810	.5250	2018.724	2781.70	3.517	31.77
9	6	5298.35	.3804	.5194	2015.518	2752.00	5297.39	.3811	.5255	2016.835	2783.77	.834	4.37
270	6	5299.14	.3802	.5272	2014.605	2793.37	5298.21	.3804	.5265	2015.439	2789.50	.167	7.97
1	7	5298.53	.3806	.5253	2016.616	2783.43	5296.69	.3807	.5240	2016.449	2775.46		7.97
Fwd.	243740.89	92685.324	128972.89	243653.16	92756.404	129223.14	74.272	1.192	328.95	79.70			

Fwd. 243740.89 92685.324 128972.89 243653.16 92756.404 129228.14 74.272 1.192 328.95 79.70

Gain and Loss in Melting Gold and Silver Anode Melts, Denver Mint, December, 1918.

Melt	Bars	Weight	Before Melting				After Melting				Fine Ounces			
			Fineness		Fine ounces		Fineness		Fine ounces		Gold		Silver	
			Gold	Silver	Gold	Silver	Weight	Gold	Silver	Weight	Gold	Silver	Gain	Loss
20	6	5876.31	.9142	.0639	5372.147	375.69	5874.53	.9143	.0655	5371.062	384.78	1.065	9.09	
1	6	5970.93	.9082	.0693	5423.027	413.95	5969.36	.9083	.0690	5421.969	411.88	1.058	2.07	
2	7	5924.98	.9074	.0688	5376.463	407.44	5921.43	.9076	.0690	5374.289	408.57	2.174	1.13	
3	7	5851.76	.9345	.0616	5468.611	360.23	5850.58	.9344	.0605	5466.781	353.96	1.830		6.27
4	6	5878.14	.9398	.0567	5524.209	333.10	5876.85	.9400	.0565	5524.239	332.04	.030		1.06
5	7	5876.49	.9329	.0604	5482.235	355.04	5875.79	.9329	.0610	5481.524	358.42	.711	3.38	
6	8	5885.47	.9334	.0593	5493.771	349.05	5883.41	.9339	.0600	5494.516	353.00	.745	3.95	

41264.08	38140.463	2594.50	41251.95	38134.400	2602.65	.775	6.838	17.55	9.40
----------	-----------	---------	----------	-----------	---------	------	-------	-------	------

Gold loss		Silver gain		Gold gain		Silver loss	
6.063	8.15	4.279	.64	1.784	8.79		
Apparent Gold loss		Apparent Silver gain					

290	6	5303.63	.3802	.5324	2016.501	2823.77	5301.70	.3806	.5325	2017.827	2823.15	1.326	.62
1	5	5292.46	.3813	.5615	2019.313	2973.87	5290.52	.3815	.5620	2018.333	2973.27	.980	.60
2	6	5299.29	.3803	.5270	2015.352	2792.62	5295.41	.3805	.5275	2014.903	2793.32	.449	
3	8	5299.35	.3804	.5372	2016.129	2846.94	5294.69	.3809	.5405	2016.747	2861.77	.618	.70
4	6	5302.66	.3803	.5268	2016.736	2793.51	5295.42	.3810	.5280	2017.555	2795.98	.819	14.83
5	7	5310.14	.3799	.5394	2017.552	2864.53	5308.87	.3802	.5420	2018.432	2877.40	.880	2.47
6	6	5301.77	.3808	.5278	2018.910	2798.42	5297.89	.3814	.5265	2020.615	2789.33	1.705	12.87
7	7	5310.07	.3802	.5241	2018.629	2783.21	5307.57	.3804	.5265	2018.999	2794.43	.370	9.09
8	7	5315.93	.3796	.5525	2017.874	2937.26	5313.25	.3797	.5540	2017.441	2943.54	.117	
9	7	5282.78	.3813	.5266	2014.317	2782.05	5280.30	.3815	.5285	2014.434	2790.63	.433	11.22
300	8	5295.53	.3802	.5408	2013.487	2863.88	5291.60	.3804	.5420	2012.924	2868.04	.563	8.28
1	7	5302.32	.3799	.5207	2014.443	2761.08	5297.97	.3800	.5210	2013.228	2760.24	1.215	4.16
2	7	5295.51	.3801	.5194	2012.831	2750.67	5292.49	.3810	.5220	2016.438	2762.67	3.607	12.00
3	7	5293.32	.3806	.5247	2014.548	2777.51	5290.27	.3812	.5255	2016.650	2780.03	2.102	2.52
4	8	5297.17	.3801	.5211	2013.215	2760.35	5294.11	.3812	.5245	2018.114	2778.76	4.899	16.41

Fwd.	79501.93	30239.837	42309.67	79452.06	30252.640	42390.56	16.443	3.640	92.04	11.15
------	----------	-----------	----------	----------	-----------	----------	--------	-------	-------	-------

Fwd.	79501.93	30239.837	42309.67	79452.06	30252.640	42390.56	16.443	3.640	92.04	11.15
305	7 5297.33	2012.699	2760.43	5290.85	2011.581	2761.82		1.118	1.39	
6	7 5297.58	2013.793	2758.57	5276.12	2010.201	2754.13		3.592	5.32	4.44
7	7 5297.95	2013.850	2748.75	5296.30	2017.890	2754.07	3.940		5.90	
8	8 5284.11	2013.864	2785.49	5281.73	2014.979	2791.39	1.115		.76	
9	7 5298.36	2013.977	2747.97	5296.22	2014.152	2748.73	.175	1.292		2.11
310	7 5294.90	2913.595	2751.69	5292.75	2012.303	2749.58		.898		3.51
1	7 5299.92	2015.034	2763.54	5297.57	2014.136	2760.03		.287		1.57
2	7 5298.75	2015.832	2775.51	5293.79	2015.345	2773.94		35.291		40.06
3	7 5299.59	2010.880	2720.10	5198.92	1975.589	2680.04		9.934		14.46
4	7 5301.28	2013.568	2820.28	5274.11	2003.634	2805.82	1.555			1.54
5	8 5298.69	2014.548	2818.89	5295.78	2016.103	2817.35		1.480	6.46	
6	9 5292.58	2012.456	2889.40	5289.26	2010.976	2895.86		.952	12.58	
7	6 5283.00	2012.414	2759.12	5279.43	2011.482	2771.70		.360	9.51	
8	6 5308.58	2015.388	2786.48	5305.50	2015.028	2795.99			3.24	
9	5 5297.91	2016.229	2760.06	5293.73	2017.440	2763.32	1.211	.801		2.08
320	10 5318.87	2018.523	2802.55	5313.99	2017.722	2800.47		.027		.17
1	7 5296.43	2014.786	2864.02	5293.64	2014.759	2863.85	.588		2.50	
2	8 5300.03	2013.355	2806.85	5295.67	2013.943	2809.35		.282		2.70
3	7 5288.79	2011.532	2833.25	5285.81	2011.250	2830.55		.830	2.27	
4	7 5297.99	2014.085	2917.91	5294.99	2013.155	2920.18		.403	11.75	
5	7 5299.19	2012.482	2959.49	5296.34	2012.079	2971.24	.820	.616		3.84
6	8 5300.51	2014.578	2991.18	5296.71	2015.398	2987.34				1.77
7	8 5296.15	2013.403	2737.34	5291.24	2012.787	2735.57	.045			2.90
8	6 5299.25	2017.536	2795.08	5297.73	2017.581	2792.18	.429			11.70
9	6 5300.60	2015.887	2766.51	5302.48	2016.316	2754.81		1.669	10.40	5.86
330	6 5304.94	2018.202	2792.31	5301.86	2016.533	2786.45	.369			
1	7 5304.73	2014.867	2844.65	5301.86	2015.236	2855.05		.087	.75	
2	9 5289.55	2013.314	2795.25	5285.45	2013.227	2796.00		1.166		1.93
3	6 5289.00	2013.464	2783.43	5283.01	2012.298	2781.50				
<hr/>										
				88653.779	123645.79	232851.31	88615.743	123698.87	26.690	64.725
									164.87	111.79

Fwd. 233136.49

Fwd.	233138.49	68653.778	123645.79	232851.31	88615.743	123698.87	26.690	64.725	164.87	111.79			
334	5305.76	.3799	.5256	2015.512	2788.96	5305.76	.3803	.5260	2017.780	2790.82	2.268	.028	1.86
5	5304.45	.3803	.5309	2017.482	2816.39	5299.33	.3807	.5350	2017.454	2835.14			18.75
6	5302.62	.3804	.5194	2017.123	2753.92	5301.59	.3805	.5225	2017.254	2770.08	.131		16.16
7	5301.43	.3801	.5471	2014.756	2900.02	5296.82	.3803	.5455	2014.380	2889.41		.376	10.61
8	5286.90	.3814	.5194	2016.142	2745.90	5281.45	.3815	.5200	2014.873	2746.35		1.269	.45
9	5260.70	.3823	.5201	2010.988	2735.98	5257.24	.3826	.5180	2011.420	2723.25	.432		12.73
340	5295.90	.3804	.5324	2014.554	2619.57	5291.94	.3810	.5330	2016.229	2820.60	1.675		1.03
1	5275.72	.3815	.5227	2012.547	2757.62	5267.61	.3836	.5280	2020.655	2781.29	8.108		23.67
2	5292.20	.3803	.5239	2014.609	2775.66	5293.79	.3808	.5260	2015.875	2784.53	1.266		8.87
3	5317.00	.3796	.5421	2018.441	2832.12	5313.19	.3796	.5430	2016.886	2885.06	.979	1.555	2.82
4	5315.10	.3787	.5329	2012.788	2832.12	5307.77	.3794	.5380	2013.767	2855.58			23.46
5	5311.43	.3798	.5277	2017.280	2802.84	5310.35	.3798	.5295	2016.870	2811.83	.410		8.99
6	5302.03	.3803	.5262	2016.344	2800.36	5301.62	.3802	.5330	2015.675	2825.76	.669	.410	25.38
7	5300.20	.3805	.5326	2016.922	2823.10	5296.56	.3807	.5360	2016.400	2838.95	.522	.522	15.85
8	5307.53	.3801	.5335	2017.194	2831.70	5302.49	.3804	.5335	2017.067	2828.87	.362	.127	8.37
9	5304.36	.3799	.5434	2015.047	2892.15	5303.71	.3800	.5450	2015.409	2890.52	1.434		3.95
350	5294.95	.3804	.5352	2014.258	2834.00	5294.70	.3807	.5360	2015.692	2837.95	1.746		10.42
1	5301.29	.3805	.5337	2016.910	2829.47	5298.31	.3810	.5360	2018.656	2839.89	2.518		9.73
2	5302.61	.3803	.5237	2016.381	2777.19	5300.34	.3809	.5260	2018.899	2787.97	3.032		24
3	5311.49	.3793	.5319	2014.501	2825.43	5309.30	.3800	.5340	2017.534	2835.16	.912		
4	5301.02	.3799	.5177	2014.083	2744.51	5293.64	.3803	.5185	2013.171	2744.75	2.530		
355	5295.64	.3804	.5594	2014.278	2962.35	5287.91	.3814	.5595	2018.808	2958.58			3.77
	349734.80		132991.918	185567.29	349366.73			132974.497	185781.21	53.172	70.593	355.65	141.73
											53.172	141.73	
											17.421		

Gold loss
Silver gain
Recoveries
Apparent gains

17.421
72.857
55.436
306.03

213.92
91.11
306.03

Respectfully submitted February 7th, 1919.

Supt. M. & R. Dept.

Gain & Loss in Melting Gold and Silver Anode Melts, Denver Mint, January, 1919.

[illegible]

Fwd.	84847.80	32247.202	44519.86	84775.68	32256.506	44525.98	14.389	5.035	31.10	24.98				
372	7	5301.01	.3800	.5312	2014.155	2816.10	5300.74	.3802	.5325	2015.341	2822.64	1.186	6.54	
3	7	5294.97	.3802	.5242	2012.944	2775.86	5290.82	.3801	.5240	2011.040	2772.39	1.904		3.48
4	7	5299.73	.3807	.5232	2017.529	2772.92	5293.41	.3811	.5240	2017.318	2773.74	.211	.82	
5	7	5297.31	.3799	.5418	2012.616	2870.28	5292.73	.3806	.5420	2014.413	2868.65	1.797		1.63
6	6	5297.38	.3802	.5408	2014.236	2864.63	5291.87	.3801	.5435	2011.439	2876.13	2.797	11.50	
7	9	5299.33	.3801	.5314	2014.325	2816.25	5291.89	.3809	.5320	2015.680	2815.28	1.355		.97
8	8	5287.18	.3805	.5274	2011.919	2788.30	5283.89	.3810	.5310	2013.162	2805.74	1.243	17.44	
9	7	5303.46	.3802	.5304	2016.561	2823.82	5298.00	.3809	.5335	2018.000	2826.48	1.439	2.66	
380	8	5300.00	.3801	.5301	2014.613	2809.71	5297.16	.3805	.5290	2015.569	2802.19	.956		7.52
1	7	5297.16	.3802	.5177	2013.962	2742.21	5293.94	.3806	.5190	2014.873	2747.55	.911	5.34	
2	8	5298.07	.3807	.5326	2015.107	2821.66	5295.19	.3808	.5340	2016.408	2827.83	1.301	6.17	
3	8	5293.78	.3803	.5292	2013.205	2801.28	5291.08	.3807	.5320	2014.314	2814.85	1.109	13.57	
4	8	5298.25	.3805	.5265	2016.220	2789.33	5296.83	.3814	.5280	2020.210	2796.72	3.990	7.39	
5	6	5297.63	.3804	.5307	2015.422	2811.65	5295.40	.3810	.5320	2017.547	2817.15	2.125	5.50	
6	7	5290.92	.3804	.5345	2012.664	2827.79	5288.33	.3808	.5350	2013.796	2829.25	1.132	1.46	
7	8	5295.47	.3807	.5245	2015.896	2777.42	5294.78	.3808	.5250	2016.252	2779.75	.356	2.33	
8	9	5291.09	.3806	.5281	2013.742	2794.46	5286.05	.3808	.5290	2012.927	2796.32	.815	1.86	
9	8	5308.55	.3804	.5321	2019.118	2824.42	5302.09	.3806	.5310	2017.975	2815.40	1.143	9.02	
390	7	5301.54	.3804	.5455	2016.459	2891.96	5295.76	.3810	.5430	2017.684	2875.59	1.225	16.37	
1	7	5288.57	.3808	.5410	2013.988	2861.25	5282.13	.3820	.5410	2017.773	2857.83	3.785	3.62	
2	6	5278.32	.3817	.5227	2014.503	2758.74	5275.65	.3819	.5240	2014.770	2764.44	.267	5.70	
3	6	5277.83	.3811	.5194	2011.635	2741.24	5275.49	.3818	.5230	2014.182	2764.35	2.547	23.11	
4	8	5309.70	.3796	.5226	2015.765	2775.06	5305.17	.3802	.5230	2017.025	2774.60	1.260	.46	
5	6	5300.58	.3801	.5217	2014.868	2765.32	5297.68	.3809	.5210	2017.886	2760.09	3.018	5.23	
6	8	5295.75	.3804	.5231	2014.571	2770.16	5293.75	.3807	.5260	2015.330	2784.51	.759	14.35	
7	7	5301.94	.3808	.5301	2019.189	2810.57	5296.75	.3812	.5310	2019.121	2812.57	.068	2.00	
8	8	5299.16	.3803	.5218	2015.465	2764.86	5293.57	.3807	.5240	2015.262	2773.83	.203	8.97	
9	6	5301.04	.3803	.5235	2015.772	2774.85	5297.58	.3806	.5240	2016.258	2775.93	.486	1.08	
400	6	5290.73	.3814	.5172	2017.807	2736.44	5288.72	.3818	.5230	2019.233	2766.00	1.426	29.56	
Fwd.	238444.25	90971.458	125698.40	238262.13	91007.294	125823.57	48.012	12.176	198.45	73.28				

Fwd.	238444.25	90971.458	125698.40	238262.13	91007.294	125823.57	48.012	12.176	198.45	73.28				
401	72	5269.92	.3821	.5452	2013.668	2873.42	5268.79	.3826	.5500	2015.839	2897.83	2.171	24.41	
2	7	5310.52	.3797	.5323	2016.493	2826.79	5304.66	.3803	.5315	2017.362	2819.42	.869		7.37
3	8	5295.68	.3804	.5278	2014.306	2795.03	5294.78	.3810	.5340	2017.311	2827.41	3.005	32.38	
4	9	5305.16	.3794	.5183	2012.674	2749.51	5302.93	.3798	.5210	2014.052	2762.82	1.378	13.31	
5	8	5292.00	.3812	.5204	2017.226	2753.81	5287.34	.3818	.5210	2018.706	2754.70	1.480	.89	
6	8	5306.48	.3797	.5197	2014.806	2757.59	5302.70	.3802	.5220	2016.086	2768.00	1.280	10.41	
7	7	5294.94	.3803	.5242	2013.660	2775.42	5291.04	.3810	.5260	2015.886	2785.08	2.226	7.66	
8	6	5311.65	.3801	.5101	2018.881	2709.71	5310.36	.3808	.5110	2022.185	2713.59	3.304	3.88	
9	6	5303.00	.3800	.5388	2015.150	2857.07	5300.32	.3801	.5385	2014.651	2854.22			2.85
10	10	5309.80	.3793	.5399	2014.260	2866.93	5304.98	.3799	.5390	2015.361	2859.38	1.101		7.55
11	12	5309.20	.3800	.5415	2017.493	2874.67	5308.95	.3802	.5415	2017.702	2873.71	.209		.96
12	10	5299.47	.3808	.5370	2018.155	2845.93	5293.85	.3810	.5390	2016.956	2853.38		7.45	
13	9	5301.51	.3804	.5137	2016.636	2723.24	5296.68	.3806	.5140	2015.916	2722.49		1.199	
14	10	5297.65	.3802	.5107	2014.119	2705.57	5291.86	.3803	.5120	2012.494	2709.43		.720	
15	11	5301.90	.3805	.5035	2017.205	2669.51	5297.48	.3806	.5040	2016.220	2669.92		1.625	
16	11	5306.36	.3803	.5172	2017.923	2744.21	5300.18	.3810	.5210	2019.368	2761.39	1.445	.985	
17	6	5288.38	.3812	.5040	2015.935	2665.24	5285.33	.3812	.5060	2014.767	2674.37		17.18	
18	15	5298.68	.3805	.5082	2016.203	2692.87	5296.18	.3807	.5100	2016.255	2701.05	1.168	9.13	
												.052	8.18	
		333846.55			127256.251	175584.92	333598.54			127304.411	175829.76	66.532	337.60	92.76
												18.372	92.76	
												48.160	244.84	
												47.931	62.55	
												96.091	307.39	

Respectfully submitted February 11th, 1919.

Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on hand at close of business February 28, 1919.

	Fine ounces
Gold	
Refined	20,461.750
Unrefined	<u>762,121.931</u>
Total	782,583.681
Silver	
Refined	985,807.95
Ingots, Half Dollar	63,642.42
Unrefined	<u>606,795.97</u>
Total	1,656,246.34
	Troy ounces
Minor Coinage Metals	
Copper	522,075.68
Nickel	442,251.60
Zinc	43,682.11
Tin	<u>30,048.80</u>
Total	1,038,058.19

Respectfully,

Joe W. Wilson

Supt. M. & R. Dept.

March 4, 1919.

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, February, 1919

Melt Bars Weight	Before Melting				After Melting				Fine ounces				
	Fineness		Fine ounces		Fineness		Fine ounces		Gold		Silver		
	Gold	Silver	Gold	Silver	Gold	Silver	Gold	Silver	Gain	Loss	Gain	Loss	
31	7	5772.94	.8826	.1112	5095.280	641.76	5771.94	.8828	.1120	5095.468	646.45	.188	4.69
32	6	5769.18	.8895	.0920	5130.612	530.82	5767.59	.8898	.0940	5132.001	542.15	1.389	11.55
34	7	5892.40	.9137	.0692	5419.068	407.61	5890.50	.9203	.0680	5421.027	400.55	1.859	7.06
35	13	5923.19	.9864	.0322	5723.710	190.94	5922.33	.9865	.0310	5723.931	183.59	.221	7.25
36	8	5883.35	.9307	.0615	5475.491	361.94	5882.55	.9307	.0620	5474.989	364.71	.602	2.77
37	14	5821.20	.8816	.1080	5132.441	616.98	5817.71	.8818	.1070	5130.056	622.49	2.385	5.51
		35081.26			31976.602	2749.95	35052.62			31977.372	2759.94	3.757	14.31

Apparent gains
Month's recoveries
Total gains

2.987	2.987	24.30	14.31
.770		9.33	
2.447		.32	
3.217		10.31	

SILVER ANODES

419	16	5305.35	.3803	.5217	2017.749	2787.79	5298.88	.3800	.5280	2015.574	2787.21	3.478	4.175	19.42
420	10	5301.53	.3804	.5249	2016.545	2782.85	5290.79	.3818	.5235	2020.023	2789.72			13.13
	11	5300.12	.3806	.5190	2017.425	2750.90	5294.20	.3810	.5190	2017.090	2747.68		.335	3.22
1	11	5298.49	.3805	.5147	2015.283	2726.02	5291.72	.3813	.5155	2017.752	2727.88	2.449		1.86
2	10	5301.65	.3807	.5319	2019.070	2819.78	5295.21	.3814	.5335	2019.593	2824.99	1.523		5.21
3	11	5300.65	.3802	.5114	2015.224	2710.65	5299.61	.3810	.5105	2019.151	2705.45	3.267		5.18
4	8	5298.02	.3803	.5319	2014.870	2817.94	5298.60	.3809	.5310	2017.474	2812.49	2.604		5.45
5	7	5286.10	.3816	.5213	2017.352	2755.56	5284.98	.3820	.5270	2018.862	2785.18	1.504		
6	8	5314.99	.3792	.5426	2015.280	2885.08	5314.02	.3800	.5440	2019.327	2890.82	3.947		
7	7	5304.25	.3800	.5079	2015.806	2894.22	5302.55	.3802	.5085	2018.029	2896.34	.223		
8	10	5309.45	.3795	.5197	2014.800	2759.56	5305.63	.3799	.5210	2015.620	2764.24	.820		
9	8	5306.81	.3800	.5190	2016.459	2754.48	5305.22	.3802	.5205	2017.044	2761.36	.575		
430	8	5286.18	.3808	.5237	2017.489	2774.74	5287.24	.3810	.5255	2018.248	2783.69	.759		
1	8	5311.33	.3796	.5068	2016.214	2891.88	5306.75	.3801	.5070	2017.095	2890.52	.381		

74235.45 28228.742 38691.45 74185.43 28246.862 38747.57 82.630 4.510 84.48 28.54 1.36

Feb/19 - 3	74235.45	28228.742	38691.43	74183.43	26246.862	38747.57	22.630	4.510	84.48	28.24
433	5316.50	2016.136	2675.56	5312.49	2017.683	2709.36	1.547		33.80	
4	5288.78	2017.605	2735.54	5287.39	2018.725	2744.15	1.120		8.61	
5	5308.79	2015.485	2789.77	5306.96	2018.236	2791.46	2.751		1.69	
6	5298.82	2015.015	2656.70	5297.95	2017.459	2654.27	2.444			
7	5294.70	2015.849	2739.41	5291.63	2013.994	2746.35	1.145		6.94	
8	5295.54	2011.974	2719.09	5294.32	2013.959	2718.63	1.985			
9	5298.82	2013.600	2794.87	5295.27	2014.320	2806.49	1.720			
10	5297.84	2012.604	2857.43	5292.34	2014.755	2857.80	2.151		11.62	
11	5299.50	2014.002	2864.09	5293.39	2016.103	2758.37	2.101			
12	5298.20	2012.368	2809.53	5293.03	2012.010	2699.75	4.958			
13	5296.81	2015.651	2774.92	5295.21	2016.945	2779.92	1.294	.376		
14	5306.70	2017.574	2754.03	5305.82	2017.807	2756.37	1.253			
15	5299.34	2019.570	2819.00	5294.64	2020.984	2816.74	1.394			
16	5321.84	2012.508	2788.20	5316.34	2013.297	2785.76	1.789			
17	5287.52	2011.720	2727.69	5282.52	2013.698	2723.13	1.976			
18	5297.00	2015.208	2818.40	5293.71	2014.256	2824.19	1.046		5.79	
19	5300.76	2015.918	2739.55	5298.31	2017.066	2765.71	1.150		26.16	
20	5295.37	2014.525	2770.22	5291.69	2014.546	2788.72	1.021		18.50	
21	5292.63	2013.970	2807.42	5288.34	2015.386	2802.82	1.416			
22	5290.32	2012.497	2747.29	5289.27	2016.798	2742.48	4.301		4.81	
23	5297.54	2013.592	2783.15	5293.71	2016.903	2779.12	1.311		3.98	
24	5310.69	2015.952	2773.36	5307.04	2016.675	2791.50	1.321	8.382	7.65	
25	5296.89	2012.835	2818.45	5294.40	2015.363	2764.63	1.901			
26	5299.70	2013.462	2766.75	5296.62	2018.173	2819.62	1.467		2.59	
27	5295.42	2016.706	2817.03	5290.10	2019.814	2809.41	3.088			
28	5299.64	2012.092	2811.57	5293.37	2015.185	2821.36	3.093		9.73	
29	5294.57	2014.597	2809.91	5293.20	2016.644	2807.51	2.247			
30	5298.07	2017.624	2846.56	5296.22	2017.858	2854.63	2.235		6.10	
31	5301.12	2014.817	2748.17	5293.97	2013.826	2750.21	2.638	.991	2.04	
32	5297.93	2014.558	2750.46	5294.48	2017.196	2755.12	1.97		2.66	
33	5296.82	2017.518	2803.27	5295.94	2015.787	2742.06	2.170		14.11	
34	5297.35	2014.870	2753.98	5293.58	2019.291		2.170		8.08	
35	5303.52	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
36	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
37	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
38	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
39	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
40	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
41	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
42	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
43	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
44	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
45	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
46	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
47	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
48	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
49	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
50	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
51	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
52	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
53	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
54	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
55	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
56	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
57	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
58	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
59	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
60	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
61	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
62	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
63	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
64	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
65	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
66	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
67	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
68	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
69	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
70	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
71	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
72	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
73	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
74	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
75	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
76	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
77	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
78	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
79	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
80	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
81	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
82	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
83	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
84	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
85	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
86	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
87	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
88	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
89	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
90	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
91	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
92	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
93	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
94	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
95	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
96	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
97	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
98	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
99	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	
100	5302.92	2016.121	2804.75	5302.92	2019.291	2837.06	2.170		32.31	

Respectfully submitted, March 5th, 1919

Apparent Gains
Month's Recoveries
Total Gains

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281

14.259
84.706
33.575
98.281</

Respectfully submitted, Marion Etn, 1912

Sept. 11. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion on hand at close of business March 31, 1919.

	Fine ounces
Gold	
Refined	21,561.470
Unrefined	<u>656,830.673</u>
Total	678,392.143

Silver	
Refined	852,447.00
Ingots, Bars	44,685.00
Unrefined	<u>625,615.29</u>
Total	1,522,747.29

	Troy ounces
Minor Coinage Metals	
Copper	1,662,047.56
Nickel	435,554.43
Zinc	43,468.98
Tin	<u>29,906.72</u>
Total	2,170,977.69

Respectfully,

John W. Milner

Supt. M. & R. Dept.

April 2, 1919.

gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, March, 1919.

[illegible]

SILVER ANODES

[illegible]

March/19 - page 2

Fwd.		111257.53		42304.273		58479.18		111201.67		42320.119		58571.06		31.236		15.390		116.65		24.77	
491	12	5299.73	.3800	.5118	2013.937	2712.53	5296.25	.3805	.5115	2015.223	2709.03	1.286									
2	7	5289.74	.3813	.5130	2016.951	2713.55	5287.46	.3818	.5150	2018.752	2723.04	1.801								3.50	
3	5	5300.91	.3800	.5318	2014.339	2818.83	5297.36	.3805	.5320	2015.645	2818.19	1.306							9.49		
4	9	5301.33	.3803	.5258	2015.966	2787.29	5299.86	.3806	.5270	2017.126	2793.02	1.160								.64	
5	9	5300.39	.3809	.5154	2018.678	2731.92	5298.89	.3808	.5200	2017.817	2755.42								5.73		
6	6	5295.08	.3803	.5052	2013.889	2675.03	5294.37	.3803	.5080	2013.448	2689.53								23.50		
7	9	5289.88	.3811	.5035	2016.204	2663.54	5287.41	.3814	.5040	2016.618	2664.85	.414							14.50		
8	10	5295.98	.3806	.5075	2015.656	2687.64	5293.92	.3809	.5100	2016.454	2699.89	.798							1.31		
9	11	5294.27	.3807	.5095	2015.412	2697.36	5291.23	.3808	.5110	2014.900	2703.81								12.25		
500	11	5306.26	.3799	.5205	2015.647	2762.06	5305.45	.3800	.5230	2016.071	2774.75	.424							6.45		
1	8	5289.72	.3819	.5018	2020.008	2654.24	5285.88	.3825	.5010	2021.849	2648.22	1.841							12.69		
2	6	5303.06	.3795	.5132	2012.528	2721.54	5299.16	.3793	.5130	2012.620	2718.46	.092							6.02		
3	7	5300.30	.3807	.5130	2017.710	2719.27	5298.65	.3813	.5105	2020.375	2704.96	2.665							3.08		
4	6	5304.58	.3801	.5089	2016.059	2699.44	5298.87	.3805	.5090	2016.220	2697.12	.161							14.31		
5	8	5289.22	.3808	.5082	2014.139	2668.18	5286.15	.3809	.5080	2013.494	2685.36								2.32		
6	6	5300.77	.3810	.5029	2019.445	2665.74	5298.72	.3811	.5040	2019.342	2670.55								4.81		
7	7	5291.02	.3813	.5094	2017.395	2695.19	5284.93	.3816	.5100	2016.729	2695.31								.12		
8	8	5294.03	.3801	.5134	2012.112	2718.21	5292.55	.3806	.5170	2014.344	2738.24	2.232							18.03		
9	7	5294.85	.3805	.5065	2013.737	2681.64	5290.85	.3815	.5090	2018.459	2693.04	3.722							11.40		
510	8	5288.92	.3807	.5050	2013.518	2670.84	5285.22	.3812	.5050	2014.725	2669.03	1.207							1.81		
1	10	5311.94	.3796	.5168	2016.358	2745.14	5309.93	.3800	.5175	2017.773	2747.88	1.415							2.74		
2	6	5298.36	.3804	.5053	2015.413	2677.33	5296.35	.3803	.5055	2014.201	2677.30								.03		
3	3	5298.01	.3807	.5019	2017.097	2659.25	5293.54	.3808	.5000	2015.780	2646.77								12.48		
4	7	5299.47	.3804	.5037	2016.110	2669.18	5297.30	.3807	.5070	2016.682	2685.73	.572							16.55		
5	12	5296.43	.3808	.5232	2017.011	2771.15	5295.37	.3809	.5230	2017.006	2769.47								1.68		
6	8	5302.89	.3805	.5116	2017.735	2714.18	5300.89	.3810	.5130	2019.639	2719.35	1.904							5.17		
7	9	5295.81	.3811	.5005	2017.464	2648.74	5290.86	.3818	.5020	2020.050	2656.01	2.566							7.27		
8	11	5298.20	.3809	.5027	2018.243	2663.58	5296.67	.3815	.5025	2020.679	2661.57	2.436							2.01		
		259586.68			98754.054	134191.77	259455.76			98792.140	134364.96	59.238							268.36		
												21.152							75.47		
												58.086							193.19		
												16.724							20.41		
												54.810							213.60		

Respectfully submitted, April 7, 1919.

Supt. M. & R. Dept.

Gains
Recoveries
Total Gains

59.238
21.152
288.66
75.47
193.19
20.41
213.60

April 11/18 - page 2

Fwd. 95319.47 36274.236 48243.83 95248.26 36283.212 48361.38 13.689 4.713 130.55 7.00

537	9	5295.65	.3811	.5012	2014.330	2649.18	5281.20	.3818	.5040	2016.362	2661.72	9.032			
8	9	5293.97	.3807	.5142	2015.412	2722.36	5290.96	.3810	.5150	2015.855	2724.94	.443			
9	11	5287.66	.3809	.5130	2014.213	2712.67	5282.76	.3814	.5160	2014.844	2725.90	.443			
540	6	5344.56	.3772	.5143	2015.069	2749.89	5340.83	.3776	.5180	2016.716	2766.57	.74			
1	79	5296.05	.3900	.5201	2017.483	2754.48	5292.76	.3811	.5220	2017.070	2782.82				
2	10	5292.35	.3802	.5098	2011.971	2697.98	5284.69	.3808	.5020	2012.406	2689.90	.435			
3	12	5293.64	.3810	.4959	2017.100	2625.20	5286.17	.3818	.4960	2018.259	2621.94	1.159			
4	12	5291.85	.3813	.5124	2017.692	2711.69	5284.13	.3815	.5135	2016.895	2721.32				
5	71	5301.59	.3802	.5109	2015.202	2708.31	5299.98	.3804	.5135	2016.112	2721.53	.904			
6	12	5296.53	.3804	.5008	2014.875	2652.64	5294.17	.3809	.5005	2016.549	2649.73	1.674			
7	10	5311.08	.3793	.4991	2014.708	2650.61	5306.34	.3801	.4995	2016.958	2650.64	2.252			
8	12	5292.27	.3812	.4983	2017.540	2637.32	5287.41	.3813	.5015	2016.841	2651.83				
549	9	5297.35	.3802	.5022	2014.219	2660.53	5294.75	.3807	.5040	2015.711	2666.55	1.492			

104204.92 62474.954 83175.57 16474.90 62492.190 83584.57 25.458 8.222 230.42 21.23

Respectfully submitted, April 15th, 1918.

Supt. W. & R. Dept.

Melting Gains
Recoveries
Total Gains

2.222	21.24	21.23
17.236	209.00	25.23
19.509	234.23	
26.745		

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on hand at close of business, April 30, 1919.

	Fine ounces
Gold, Unrefined	604,006.182

Silver	
Refined	1,019,861.35
Unrefined	<u>572,730.05</u>
Total	1,592,591.40

Minor Coinage Metals	Troy ounces
Copper	1,212,384.08
Nickel	424,217.73
Zinc	30,666.77
Tin	21,371.91
Bronze Ingots	<u>31,726.80</u>
Total	1,720,367.29

Respectfully,

B. J. M. Atkinson
Supt. M. & R. Dept.

May 1, 1919.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on Hand at close of business, May 31, 1919.

Gold, all unrefined 635,318.217 Fine ozs.

Silver,

Refined

1,028,512.18 Fine ozs.

Unrefined

651,333.02

Total

1,679,845.20

Minor Coinage Metals

Copper

489,861.72 Troy ozs.

Nickel

424,217.73

Zinc

96,473.18

Tin

64,734.88

Bronze Ingots

80,477.80

Total

1,155,765.31

Respectfully,

B. H. Atkinson
Supt. M. & R. Dept.

June 4, 1919.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion on hand at close of business, June 30, 1919

	Fine ounces
Gold, all unrefined	669,766.582
 Silver	
Refined	987,674.66
Mexican Coin Bars	283,996.80
Unrefined	<u>384,817.61</u>
Total	1,656,489.07
	Troy ounces
Minor Coinage Metals	
Copper	710,458.28
Nickel	423,486.53
Tin	44,863.93
Zinc	66,666.74
Ingots, Nickel	2,924.80
" Bronze	<u>52,824.10</u>
Total	<u>1,301,224.38</u>

Respectfully,

J. H. Ketchick

Acting Supt. M. & R. Dept.

July 2, 1919.

The Superintendent of the Melting & Refining Department of the Denver Mint received, operated upon, and returned Gold and Silver Bullion, and Minor Coinage Metal, during the fiscal year 1919, as follows:

Receipts	Gold Acct. Fine ozs.	Silver Acct. Fine ozs.	Nickel Acct. Troy ozs.	Bronze Acct. Troy ozs.
Settlement bullion of June 30th, 1918	1,240,220.985	2,176,823.34	1,063,627.91	1,141,945.70
Deposits - - - - -	512,323.851	1,653,752.64		
ReDeposits - - - - -	278,368.944	157,049.02		
Clippings - - - - -		849,972.05	122,264.00	1,498,680.50
Con'd coin & blanks		158,882.10	14,443.40	86,598.90
Uncurrent coin - - -	91,593.634			
Proof metal - - - - -	100.000	100.00		
Miscellaneous - - - -	11.404	241.80		
Ingot copper - - - - -			583,406.25	2,625,072.92
Refinery copper - - - -				15,784.71
Nickel - - - - -			231,636.67	
Zinc - - - - -				88,622.91
Tin - - - - -				58,573.96
Transfer from Nickel Account -- Copper - -				400,000.00
Surplus - - - - -		871.09		
 Total Dr.	 2,122,618.818	 4,997,692.04	 2,135,403.23	 5,915,279.80

Returns

Ingot copper	91,230.048	3,298,789.17	634,232.80	5,653,118.20
Merchant bars - - - -	2,830.658	40,835.72		
Certificate bars - - -	1,358,350.270			
Unparted bars (incl. Mexican coin bars) -	471,679.393	503,872.09		
Fine bars (Mint & Purchase) - - - - -		987,674.66		
Proof metal, cornets, &c. - - - - -	65.050	483.42		
Settlement bullion -	196,634.328	164,181.48		
Sweeps - - - - -	1,228.419	1,855.50		
Ingot copper			557,170.85	129,532.14
Alloy copper			116,067.10	1,794.25
Transfer to Bronze Account -- Copper			400,000.00	
Nickel			422,002.88	
Zinc				36,056.96
Tin				44,457.39
Residue			3,320.00	6,427.10
Wastage	600.662		2,614.60	12,893.57
 Total Cr.	 2,122,618.818	 4,997,692.04	 2,135,403.23	 5,915,279.60

Respectfully submitted, July 5, 1919.

J. H. Betrich
Acting Supt. M. & R. Dept.

Refinery Operations, Denver Mint, Fiscal Year 1919.

Gold Account.	Delivered to Refinery	Returned from Refinery
Crude Bullion with charges	1,454,462.508	
Bullion without charges	85,377.939	
Bullion .992 and over	14,763.248	
Fine bars		1,361,103.347
Settlement bullion, sweeps, etc.		192,849.575
Wastage		650.773
	<hr/> 1,554,603.695	<hr/> 1,554,603.695 <hr/>

Silver Account.		
Crude bullion with charges	1,028,259.34	
Bullion without charges	611,429.38	
Bullion .998 and over	403.50	
Fine bars		1,479,371.80
Settlement bullion, sweeps, etc.		160,407.48
Wastage		312.94
	<hr/> 1,640,092.22	<hr/> 1,640,092.22 <hr/>

By-products and Earnings.	Estimated value.
Platinum ozs. 13.74	\$1,374.00
Palladium " 1.87	187.00
P. & R. Charged collected	<hr/> 88,723.84
Total Earnings	<hr/> \$90,284.84 <hr/>

Respectfully submitted, July 5th, 1919.

J. H. Ketchum

 Acting Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Salaries & Wages - local year, 1911

Chief M+R. \$7,379.88

Melting Room 1,364.00

Assaying Room 8,324.16

Chemist 23,585.38

Total \$40,713.42

J. M. Helrich,
Acting Sup't M+R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion on hand at close of business, July 31, 1919.

	fine ounces
Gold	
Refined	4,157.176
Unrefined	<u>735,355.958</u>
Total	737,493.134

Silver	
Refined	971,375.92
Mexican Coin Bars	285,998.80
Unrefined	<u>448,673.36</u>
Total	1,704,046.08

	Troy ounces
Minor Coinage Metals	
Copper	1,492,386.24
Nickel	422,832.88
Tin	37,405.45
Zinc	55,479.03
Ingots (Nickel)	<u>2,924.80</u>
Total	<u>2,011,028.40</u>

Respectfully,

B. J. Jackson

Supt. M. & R. Dept.

Aug. 2, 1919.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on hand at close of business, July 31, 1919.

	Fine ounces
Gold	
Refined	4,137.176
Unrefined	<u>732,568.799</u>
Total	736,705.975
Silver	
Refined	971,375.92
Mexican Coin Bars	283,996.80
Unrefined	<u>447,524.85</u>
Total	1,702,897.57
	Troy ounces
Minor Coinage Metals	
Copper	1,492,386.24
Nickel	422,832.88
Tin	37,405.45
Zinc	55,479.03
Ingots (Nickel)	<u>2,924.80</u>
Total	<u>2,011,028.40</u>

Respectfully,

B. H. Atkinson

Supt. M. & R. Dept.

AUG. 5, 1919.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion on Hand at close of Business, August 30, 1919.

Gold

Refined	4,137.176	Fine ozs.
Unrefined	<u>819,387.764</u>	
Total	823,524.940	

Silver

Refined	912,828.91	" "
Mexican Coin Bars	283,996.80	
Unrefined	<u>528,041.15</u>	
Total	1,724,866.86	

Minor Coinage Metals

Copper	1,119,931.37	Troy ozs.
Nickel	373,137.26	
Tin	32,702.97	
Zinc	50,948.22	
Bronze Ingots	7,043.70	
Nickel "	<u>6,594.30</u>	
Total	<u>1,590,357.82</u>	

Respectfully,

[Signature]
Supt. M. & R. Dept.

Sept. 4, 1919.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on Hand at close of business, Sept. 30, 1919

	Fine ounces
<u>Gold</u>	
Refined	38,227.239
Unrefined	<u>859,245.867</u>
Total	<u>897,473.106</u>
<u>Silver</u>	
Refined	937,939.08
Mexican Coin bars	285,354.06
Unrefined	<u>547,232.71</u>
Total	<u>1,770,525.85</u>
<u>Minor Coinage Metals</u>	Troy ounces
Copper	1,523,939.08
Nickel	353,834.31
Tin	17,866.13
Zinc	28,692.96
Bronze Ingots	<u>52,505.90</u>
Total	<u>1,976,838.38</u>

Respectfully,

[Signature]
Supt. M. & R. Dept.

Oct. 2, 1919.

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, September, 1919.

Melt Bars	Weight	Before Melting		After Melting		Fine Ounces			
		Fineness	Gold	Fineness	Gold	Gain	Loss	Gain	Loss
1	35	5958.19	.8861	.0947	5279.580	564.20	4.232	13.41	
2	35	5998.13	.8855	.0964	5311.530	578.16	.970	9.23	
3	34	5801.89	.8855	.0971	5137.832	563.46	5.202	4.78	
		17758.21			15728.942	1705.82	.754	27.42	
						17747.10	.754		
							4.448	27.42	
							5.498	1.44	
							1.050	28.82	

Gold Loss
Silver Gain
Recoveries
Gains

SILVER ANODES

		Before Melting		After Melting		Fine Ounces			
		Fineness	Gold	Fineness	Gold	Gain	Loss	Gain	Loss
1	11	5255.31	.3608	.5531	2000.607	2905.74	3.884	2.97	
2	11	5296.45	.3761	.5282	2002.723	2797.38	2.982	6.49	
3	10	5307.36	.3794	.5557	2013.483	2949.14	.326		4.23
4	10	5287.79	.3811	.5220	2015.252	2760.19	.803	15.62	
5	10	5286.77	.3797	.5357	2007.208	2831.66	.627		20.42
6	10	5304.24	.3790	.5451	2010.082	2891.08	2.995	3.45	
7	12	5282.51	.3810	.5627	2012.492	2972.66	1.741	14.10	
8	12	5314.22	.3788	.5300	2012.032	2816.28	4.239	8.73	
9	84	5291.55	.3789	.5260	2004.549	2783.02	.696	41.55	
10	70	5306.80	.3794	.5236	2013.038	2778.36	3.187	23.53	
11	21	5282.65	.3833	.5181	2025.360	2736.50	2.323	2.04	
12	15	5292.73	.3791	.5212	2006.461	2758.50	35.480	24.48	
13	9	5296.03	.3804	.5399	2014.834	2859.51	1.223	7.72	
14	9	5292.20	.3803	.5425	2012.463	2870.60	1.564	7.95	
15	9	5280.80	.3805	.5379	2011.693	2845.75	3.607	17.90	
16	7	5286.73	.3817	.5254	2011.293	2777.58	1.028		6.63
17	44	5446.24	.3832	.5518	2078.824	3005.24	3.147		2.82
18	45	5362.06	.3851	.5543	2079.503	2952.21	2.282		
19	61	5403.90	.3851	.5543	2079.503	2885.15	1.443	15.03	
20	13	5290.46	.3789	.5370	2004.399	2840.73	4.960	25.80	
21	6	5284.33	.3800	.5210	2007.670	2752.29	.988	6.17	
22	6	5302.97	.3793	.5300	2011.290	2810.23	2.770	25.56	
23	6	5298.95	.3804	.5321	2016.266	2819.98	1.169	2.14	
24	6	5285.39	.3791	.5241	2003.943	2769.90	6.519	8.69	
25	10	5492.98	.4063	.5367	2231.851	2949.00	.707		31.80
		155641.45			50662.694	71119.73	13.241	77.456	90.59
						132692.74		237.34	

Sept/19 - page 2
Fwd. 132841.45

26	10	5418.97	.4117	50662.694	71119.73	132593.74	4120	5270	50598.479	71266.48	13.241	77.456	237.34	90.59
27	6	5297.35	.3787	2251.115	2867.59	5410.58	.5300	2229.159	2851.37	2851.37		1.956		16.22
28	5	5296.65	.3793	2006.231	2775.90	5231.46	.5300	1972.783	2772.67	2772.67		35.446		2.23
29	5	5290.37	.3795	2008.913	2851.80	5292.12	.5420	2009.947	2868.53	2868.53	1.034		16.53	
30	5	5292.19	.3798	2007.538	2781.87	5284.30	.5270	2006.977	2784.82	2784.82		.561	3.55	
31	6	5287.19	.3806	2010.054	2806.91	5286.92	.5310	2010.087	2807.35	2807.35	.033		.44	
32	5	5297.83	.3777	2000.864	2769.64	5277.00	.5280	2010.537	2775.70	2775.70		1.730	6.06	
33	5	5284.12	.3812	2004.365	2783.27	5291.26	.5265	2002.742	2785.84	2785.84	1.876		2.57	
34	5	5285.17	.3795	2005.916	2770.97	5273.75	.5275	2005.066	2781.90	2781.90	.734		10.93	
35	5	5300.69	.3796	2012.254	2856.03	5277.88	.5420	2005.066	2860.61	2860.61		.852	4.58	
36	7	5261.40	.3823	2011.531	2835.27	5293.68	.5390	2014.774	2853.29	2853.29	2.520		15.02	
37	6	5288.74	.3811	2015.783	2726.12	5249.76	.5205	2008.033	2732.50	2732.50		3.498	6.38	
38	6	5298.81	.3799	2012.921	2806.36	5268.52	.5335	2012.574	2810.75	2810.75		3.209	13.65	
39	6	5303.27	.3798	2013.164	2760.97	5295.81	.5325	2011.950	2820.01	2820.01	1.605		3.54	
40	6	5262.25	.3806	2010.204	2783.87	5287.89	.5220	2006.012	2764.51	2764.51		1.214	23.50	
41	9	5251.66	.3832	2012.585	2611.91	5160.61	.5395	1981.158	2784.14	2784.14		4.192	27.77	
42	52	5246.90	.3851	2020.576	2776.37	5239.11	.5310	2019.677	2781.96	2781.96		31.427		
43	10	5250.56	.3832	2011.794	2830.07	5239.42	.5490	2007.221	2876.44	2876.44		.899	5.59	
44	7	5297.10	.3789	2007.039	2774.91	5292.91	.5270	2007.600	2789.38	2789.38		4.573	14.45	
45	7	5290.56	.3798	2009.249	2806.55	5289.83	.5325	2011.722	2816.83	2816.83	2.473		10.28	
46	10	5261.55	.3822	2010.897	2881.74	5258.37	.5315	2009.749	2761.29	2761.29	.561		18.25	
47	7	5296.98	.3800	2012.597	2733.95	5294.90	.5815	2013.121	2907.15	2907.15		1.148	27.34	
48	10	5281.61	.3797	2005.479	2901.27	5276.15	.5310	2000.716	2765.52	2765.52	.524		5.88	
49	14	5286.52	.3811	2014.709	2741.87	5282.76	.5235	2013.259	2765.52	2765.52		4.763	23.65	
50	12	5310.46	.3804	2020.314	3049.41	5304.71	.5745	2018.442	3047.55	3047.55		1.450		
51	13	5290.06	.3806	2013.326	3031.07	5286.55	.5730	2012.513	3029.07	3029.07		1.872		
52	8	5281.48	.3807	2010.494	2810.56	5270.93	.5330	2007.697	2809.40	2809.40		.815		
53	11	5228.66	.3846	2010.693	2943.45	5223.74	.5340	2009.572	2946.19	2946.19		2.797	2.74	
54	12	5282.95	.3813	2014.634	2838.84	5278.41	.5375	2011.895	2838.07	2838.07		1.121		
55	12	5273.99	.3799	2003.166	2874.28	5265.82	.5430	2001.538	2659.34	2659.34		2.739		
56	7	5258.49	.3822	2009.947	2742.41	5254.42	.5220	2011.392	2742.80	2742.80		1.628		
57	8	5264.86	.3816	2009.005	2733.82	5254.14	.5175	2007.606	2719.01	2719.01	1.445			
		301979.86		115232.320	161443.13	301361.25		115073.623	161668.61	161668.61	26.048	184.745	429.16	14.81

Respectfully Submitted, Oct. 16, 1919.

Supt. M. & R. Dept.

Gold Loss	168.697	219.48
Silver Gain	117.817	131.73
Recoveries	40.980	
Gold Loss		351.21
Silver Gain		

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion and Metals on Hand at close of Business,
Oct. 31, 1919

Gold	Fine ounces
Refined	32,774.172
Unrefined	<u>812,329.471</u>
Total	845,103.643

Silver	
Refined	803,250.82
Mexican Coin Bars	436,144.31
Unrefined	<u>516,310.83</u>
Total	1,755,705.96

Minor Coinage Metals	Troy Ounces
Copper	990,736.70
Nickel	303,705.63
Tin	68,373.50
Zinc	104,454.02
Ingots (Nickel)	<u>33,142.60</u>
Total	1,500,412.45

Respectfully,

B. M. & R. Dept.
Supt. M. & R. Dept.

Nov. 4, 1919.

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, October, 1919.

Melt Bars	Weight	Before Melting				After Melting				Fine ounces			
		Fineness		Fine ounces		Fineness		Fine ounces		Gold		Silver	
		Gold	Silver	Gold	Silver	Gold	Silver	Gold	Silver	Gain	Loss	Gain	Loss
4	10	5850.70	.9477	.0454	5545.618	267.51	5846.11	.9485	.0500	5545.035	292.30	.583	24.79
5	8	5840.94	.9396	.0561	5487.985	327.40	5834.72	.9399	.0590	5484.053	344.24	3.932	16.84
6	9	5800.97	.9457	.0478	5485.913	277.56	5799.13	.9458	.0530	5484.817	307.35	1.096	29.79
7	6	5975.50	.9271	.0665	5539.880	397.19	5973.70	.9275	.0670	5540.606	400.23	.726	3.04
8	7	5975.85	.9324	.0603	5572.071	361.90	5974.31	.9328	.0610	5572.836	364.43	.765	2.53
9	6	5971.88	.9298	.0646	5552.559	385.84	5968.99	.9299	.0660	5550.563	393.95	1.996	8.11
		35415.84		33184.026	2017.40	35396.96		33177.910	2102.50	1.491	7.607	85.10	
										1.491			
										6.116			
												85.10	
										6.814		.68	
										.698		85.78	

Gold Loss
Silver Gain
Recoveries
Total gains

SILVER ANODES

58	8	5291.63	.3814	.5191	2018.263	2747.01	5283.90	.3814	.5165	2015.279	2729.13	2.984	17.88
59	9	5279.23	.3809	.5213	2010.730	2751.83	5266.91	.3806	.5180	2004.593	2728.26	6.144	23.57
60	10	5197.98	.3781	.5473	2003.091	2899.83	5278.36	.3783	.5465	1996.803	2884.62	6.288	15.21
1	7	5318.85	.3790	.5247	2015.546	2790.48	5314.08	.3797	.5250	2017.756	2789.89	2.210	.59
2	6	5302.41	.3795	.5310	2012.384	2815.32	5297.15	.3798	.5330	2011.857	2823.38	.527	8.06
3	8	5291.62	.3799	.5127	2010.178	2712.90	5283.87	.3804	.5145	2009.984	2718.55	.194	5.65
4	7	5297.62	.3792	.5314	2009.037	2814.96	5292.09	.3796	.5370	2008.877	2841.85	.160	26.69
5	9	5266.55	.3822	.5219	2013.049	2743.54	5235.07	.3830	.5240	2005.031	2743.17	8.018	5.37
6	8	5322.76	.3779	.5342	2011.315	2843.55	5306.50	.3789	.5375	2010.632	2852.24	.683	8.69
7	8	5270.03	.3814	.5205	2009.725	2742.85	5243.92	.3822	.5220	2004.226	2737.32	5.499	5.53
8	8	5268.31	.3806	.5232	2012.529	2766.71	5269.71	.3806	.5250	2005.651	2766.59	6.878	.12
9	8	5306.39	.3765	.5285	2008.650	2804.33	5290.70	.3789	.5295	2004.646	2801.42	4.004	2.91
10	11	5309.19	.3794	.5270	2014.553	2798.08	5306.61	.3792	.5280	2011.887	2801.56	2.666	3.28
1	10	5255.14	.3831	.5220	2013.186	2743.44	5252.79	.3839	.5240	2016.546	2752.46	.563	6.24
2	10	5305.54	.3791	.5271	2011.474	2793.81	5300.24	.3794	.5265	2010.911	2790.57	1.191	4.45
3	9	5291.70	.3803	.5203	2012.403	2753.49	5288.49	.3803	.5215	2011.212	2757.94	1.489	8.78
4	17	5282.84	.3796	.5178	2005.427	2735.61	5277.69	.3797	.5200	2003.938	2744.39	21.29	14.48
5	18	5247.51	.3823	.5155	2005.867	2705.25	5245.39	.3820	.5185	2003.738	2719.73	.212	11.82
6	17	5319.47	.3794	.4714	2016.416	2507.61	5315.26	.3796	.4740	2018.204	2519.43	.378	24.01
7	18	5257.30	.3857	.5081	2000.980	2650.78	5234.44	.3822	.5110	2000.602	2674.79	2.074	20.89
8	13	5278.39	.3812	.5222	2011.944	2753.59	5271.10	.3813	.5190	2009.870	2735.70	.069	1.77
9	11	5306.92	.3796	.5243	2014.905	2781.20	5300.36	.3800	.5245	2014.136	2780.03	2.453	13.44
10	14	5287.06	.3812	.5259	2015.566	2780.20	5280.99	.3812	.5290	2013.113	2793.64	5.568	138.57
		121353.44		46268.526	68417.97	121434.82		46209.485	63486.46	5.568	54.225	100.08	

Oct/19 - Page 2
Fwd. 121653.44

81	12	5248.55	.3821	.5260	46258.520	63447.97	121434.62	46209.485	63486.46	5.568	54.603	138.57	100.08
82	14	5298.64	.3796	.5362	2005.664	2760.66	5239.00	2003.393	2768.81		2.271	8.15	
3	13	5287.90	.3790	.5260	2007.273	2835.46	5281.87	2002.356	2828.44		4.917		7.02
4	14	5287.05	.3795	.5303	2006.247	2788.68	5288.74	2006.019	2784.52		.228		4.16
5	13	5276.14	.3814	.5250	2012.350	2803.57	5280.61	2003.991	2827.78		2.839	24.19	
6	13	5291.90	.3801	.5453	2011.344	2769.71	5270.78	2007.640	2777.70		4.710	7.99	
7	12	5316.23	.3788	.5273	2013.781	2885.72	5286.99	2009.584	2886.69		1.760	.97	
8	13	5311.22	.3791	.5435	2013.599	2805.38	5309.14	2011.633	2808.53		2.148	5.15	
9	13	5270.87	.3812	.5287	2009.329	2866.45	5306.39	2012.713	2894.63		.886	8.18	
90	14	5294.08	.3790	.5135	2006.583	2718.65	5288.51	2008.173	2794.39	.345	1.156	7.82	
1	14	5295.79	.3798	.4873	2011.205	2580.52	5291.72	2006.928	2731.43		.881	12.78	
2	13	5295.40	.3808	.5206	2016.484	2756.78	5291.59	2010.324	2603.52		.389	23.00	
3	13	5298.70	.3794	.5246	2010.511	2779.53	5292.78	2016.095	2571.71		2.431	185.07	
4	13	5300.38	.3803	.5335	2015.517	2827.67	5295.95	2008.080	2586.16		3.686	191.37	
5	10	5294.35	.3803	.5354	2013.230	2834.58	5295.95	2011.931	2630.68		1.976	3.01	
6	11	5294.75	.3805	.5301	2014.408	2806.41	5288.60	2010.752	2802.99		3.656	3.42	
7	9	5283.75	.3808	.5219	2011.991	2757.59	5288.67	2010.752	2769.85		.481	12.26	
8	11	5305.70	.3793	.5196	2012.216	2756.85	5298.90	2010.932	2773.97		1.284	17.12	
9	11	5294.36	.3808	.5288	2012.322	2794.27	5281.44	2009.587	2793.88		2.735	7.62	
100	10	5301.75	.3793	.5167	2013.844	2739.44	5295.46	2013.341	2642.17		1.125	3.61	
1	8	5291.73	.3800	.5281	2010.783	2794.55	5287.13	2009.638	2765.26	.365	.287	19.20	
2	9	5295.93	.3794	.5185	2009.270	2746.06	5292.37	2008.982	2820.46		.471	2.41	
3	10	5304.93	.3797	.5312	2014.026	2828.05	5301.68	2013.555	2814.79		.108	11.02	
4	11	5284.12	.3813	.5306	2014.879	2803.77	5294.76	2015.244	2816.81		.766	1.48	
5	11	5298.39	.3805	.5314	2015.623	2815.33	5277.81	2011.372	2807.79		.442	5.04	
6	10	5282.26	.3809	.5306	2012.139	2802.75	5270.02	2012.620	2698.61		.325	5.79	
7	10	5278.93	.3814	.5117	2013.162	2701.40	5264.46	2011.023	2758.57		.725	13.63	
8	9	5268.35	.3817	.5262	2016.728	2772.20	5306.15	2017.928	2801.64	1.348	.552	5.49	
9	12	5306.92	.3800	.5290	2016.582	2807.13	5302.48	2011.760	2802.38	.552	.667	7.73	
110	10	5304.99	.3791	.5297	2011.208	2810.09	5302.48	2013.477	2702.42	.667	.96.539	532.82	
111	9	5290.10	.3804	.5120	2012.610	2708.55	5295.35	2013.477	2702.42		96.539	532.82	
		285692.58			106624.238	149700.54	285316.24	108537.037	149467.09	9.338	87.201	519.37	

* Melts 91 and 92 contained Silver Set. Melts No. 34, Gross Wt., 3779.92 ozs., the silver in which was reported 100 points too high originally, and the M. & R. Dept. is therefore entitled to a silver credit against its account of 577.99 ounces.

Respectfully submitted, Nov. 6, 1919.

Supt. M. & R. Dept.

Losses Recoveries Net Losses
87.201 72.568 14.633
513.45 97.91 116.54

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on Hand at close of business, Nov. 29, 1919.

<u>Gold</u>	Fine ounces
Refined	2,566.386
Peruvian Ingots	15,044.095
Unrefined	<u>781,600.312</u>
Total	799,210.793

<u>Silver</u>	
Refined	895,363.74
Mexican coin bars	422,749.37
Unrefined	<u>427,144.15</u>
Total	1,745,257.26

<u>Minor Coinage Metals</u>	Troy ounces
Copper	1,216,534.58
Nickel	254,882.86
Tin	51,849.28
Zinc	79,367.69
Bronze Ingots	87,040.00
Nickel "	<u>9,985.70</u>
Total	1,699,460.11

Respectfully,

W. H. Mori
Supt. M. & R. Dept.

Dec. 3, 1919.

Gain & Loss in Gold and Silver in Melting GOLD ANODES, DENVER MINT, NOVEMBER, 1919.

[illegible]

Assay samples on Nos. 10 and 11 were probably switched

SILVER ANODES

112	11	5273.57	.3618	.5192	2013.628	2738.08	5266.18	.3820	.5190	2011.680	2735.14	1.946	4.94
112	11	5305.98	.3769	.5232	2010.541	2775.92	5302.80	.3790	.5240	2009.761	2778.66	1.780	2.74
4	9	5288.96	.3812	.5214	2015.948	2757.77	5285.14	.3811	.5235	2013.404	2765.72	2.544	7.95
5	90	5305.05	.3795	.5302	2013.402	2812.36	5302.34	.3803	.5210	2016.479	2815.54	3.077	3.18
6	10	5280.58	.3807	.5240	2010.544	2767.12	5272.09	.3810	.5240	2008.666	2762.57	1.978	4.55
7	10	5291.59	.3799	.5238	2010.220	2771.61	5284.16	.3802	.5240	2009.037	2762.89	1.183	2.72
8	8	5293.40	.3804	.5257	2013.718	2782.49	5282.99	.3807	.5240	2011.234	2768.28	2.484	14.21
9	10	5283.15	.3814	.4554	2014.896	2405.44	5282.50	.3814	.4615	2014.745	2437.87	.151	32.43
120	11	5299.94	.3797	.5229	2012.491	2771.22	5293.71	.3800	.5275	2011.609	2792.43	.632	21.21
1	11	5289.56	.3805	.5233	2012.543	2767.97	5287.30	.3806	.5280	2012.346	2791.69	.197	23.77
2	13	5217.40	.3789	.5253	2014.730	2793.27	5213.91	.3791	.5275	2014.503	2803.08	.227	9.81
3	10	5296.75	.3802	.5191	2013.983	2749.79	5292.06	.3804	.5225	2013.099	2765.10	.884	15.31
4	8	5302.42	.3803	.5146	2015.296	2728.56	5293.64	.3806	.5210	2014.759	2757.92	1.539	29.42
5	9	5296.71	.3799	.5325	2012.039	2820.68	5292.23	.3802	.5365	2012.105	2839.28	.036	18.60
6	10	5297.39	.3802	.5135	2014.212	2720.21	5295.81	.3805	.5210	2015.055	2759.11	.845	28.90
7	8	5286.55	.3804	.5199	2010.750	2748.68	5285.55	.3806	.5210	2011.680	2753.77	.930	5.09
8	9	5292.77	.3799	.5197	2010.884	2750.49	5289.42	.3802	.5225	2011.037	2763.72	.153	13.23
9	9	5303.79	.3795	.5289	2013.025	2805.25	5297.31	.3803	.5245	2014.566	2831.41	1.541	26.18

Pwd. 05305.56

130	10	5290.71	.3817	.5196	2019.339	2748.92	5286.11	.3820	.5220	2019.294	2759.34	6.610	14.697	247.80	26.42
1	11	5286.55	.3796	.4834	2006.821	2555.32	5285.37	.3802	.4855	2009.497	2566.04	2.676	.045	10.42	
2	7	5266.19	.3811	.5110	2006.761	2691.28	5258.89	.3813	.5135	2005.214	2700.44		1.547	10.72	
3	7	5302.50	.3783	.5331	2005.860	2826.76	5292.84	.3788	.5315	2004.927	2813.14		.933	9.16	13.62
4	6	5285.05	.3813	.5227	2015.244	2762.60	5282.38	.3814	.5225	2014.699	2760.04	.562	.545		2.56
5	6	5301.83	.3790	.5442	2009.418	2885.41	5296.39	.3795	.5445	2009.980	2883.88			1.53	
6	7	5275.06	.3811	.5225	2010.014	2756.06	5285.92	.3812	.5235	2007.368	2756.70	.289	2.646	.64	
7	8	5292.40	.3803	.5337	2012.906	2834.91	5289.53	.3806	.5360	2013.195	2835.18		.161	.27	
8	8	5318.03	.3799	.5339	2020.157	2839.07	5315.78	.3800	.5345	2019.996	2841.28		1.648	2.21	2.05
9	8	5288.26	.3807	.5220	2013.266	2760.29	5284.00	.3807	.5220	2011.618	2758.24	.770			
140	5	5223.00	.3819	.5200	1994.415	2716.16	5218.90	.3823	.5265	1995.185	2747.75			31.59	
1	5	5285.86	.3806	.5285	2011.942	2793.48	5282.25	.3805	.5300	2009.896	2799.59		2.046	6.10	
2	5	5271.13	.3809	.5221	2007.591	2752.23	5286.78	.3810	.5230	2007.405	2755.57	2.187	.186	3.34	2.29
3	5	5299.48	.3791	.5294	2009.231	2805.78	5294.60	.3799	.5295	2011.418	2803.49	.873			
4	6	5296.00	.3800	.4398	2012.511	2328.87	5283.82	.3803	.4485	2013.384	2374.44			45.57	
5	9	5289.35	.3798	.4852	2009.031	2566.29	5282.62	.3797	.4890	2006.266	2563.78		2.765	17.49	
6	9	5282.60	.3798	.4769	2006.547	2519.52	5275.45	.3801	.4825	2004.438	2544.43		2.109	24.91	
7	11	5291.51	.3801	.4734	2011.502	2505.24	5290.72	.3788	.4770	2004.124	2523.67		7.378	18.43	
8	11	5298.10	.3800	.4785	2013.288	2535.18	5295.90	.3794	.4810	2009.264	2547.32		4.024	12.14	
9	9	5296.65	.3796	.4715	2010.391	2497.35	5291.85	.3795	.4710	2008.257	2492.46		2.134		4.89
150	11	5288.10	.3798	.4737	2008.543	2504.98	5286.85	.3797	.4760	2007.416	2516.54	.779	1.127	11.56	
1	9	5294.35	.3799	.4743	2011.269	2511.36	5292.08	.3802	.4755	2012.048	2516.38	1.323		5.02	
2	8	5299.32	.3796	.4922	2011.688	2608.32	5293.22	.3803	.4945	2012.011	2617.49			9.17	
3	73	5297.70	.3803	.5367	2014.713	2843.07	5295.93	.3804	.5405	2014.571	2862.45		.142	19.38	
4	13	5290.96	.3805	.5118	2013.301	2708.10	5280.92	.3806	.5170	2009.918	2730.23		3.383	22.13	
5	11	5287.92	.3804	.5243	2011.386	2772.61	5283.49	.3804	.5305	2009.839	2802.89		1.549	30.28	
6	12	5283.31	.3800	.5058	2007.706	2672.12	5277.98	.3805	.5080	2008.271	2681.21	.565		9.09	

238087.48

90518.695 121768.15 237879.29

90486.264 122262.21 16.634 49.065 547.42 53.36

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on Hand at close of business,
December 31, 1919.

<u>Gold</u>	Fine ounces
Refined	35,331.114
Peruvian Ingots	15,044.095
Unrefined	<u>662,001.082</u>
Total	712,376.291

<u>Silver</u>	
Refined	629,810.40
Mexican Coin Bars	204,987.44
Unrefined	<u>368,625.07</u>
Total	1,201,402.91

<u>Minor Coinage Metals</u>	
Copper	1,442,635.13
Nickel	137,071.93
Tin	39,288.59
Zinc	60,826.63
Nickel Ingots	13,209.00
Bronze "	<u>13,798.20</u>
Total	1,706,829.48

Respectfully,

Bill Thorne
Supt. M. & R. Dept.

January 3, 1920.

Gain & Loss in Gold and Silver in Melting GOLD ANODES, Denver Mint, December, 1919.

Melt Bars	Weight	Before Melting				After Melting				Fine ounces			
		Fineness		Fine ounces		Fineness		Fine ounces		Gold		Silver	
		Gold	Silver	Gold	Silver	Gold	Silver	Gold	Silver	Gain	Loss	Gain	Loss
15	6	5862.68	.9362	0.0568	5486.739	332.92	5860.50	.9366	0.0580	5488.944	339.90	.205	6.98
16	6	5953.52	.9258	0.0679	5511.319	404.47	5951.28	.9263	0.0685	5512.075	407.66	.756	3.19
17	7	5865.34	.9278	0.0668	5442.062	391.94	5863.11	.9281	0.0675	5441.552	395.75	.510	3.81
17681.61		16442.120		1129.53		17674.89		16442.571		1143.31		.961	
												.510	
												13.98	

Melting Gains
Recoveries
Total gains

0.451
2.013
2.464
13.98
21
14.13

SILVER ANODES

169	26	5273.43	.3903	.5227	2006.750	2758.02	5256.57	.3808	.5260	2002.463	2766.00	4.287	7.98
170	28	5306.99	.3795	.5203	2014.057	2761.27	5305.31	.3793	.5230	2012.304	2774.67	1.753	13.40
1	28	5274.51	.3809	.5200	2009.149	2742.53	5271.51	.3812	.5240	2009.499	2762.27	.350	19.74
2	5	5300.85	.3803	.5233	2015.899	2773.86	5295.56	.3812	.5215	2018.675	2761.64	2.776	12.22
3	6	5272.35	.3816	.5136	2011.933	2708.90	5267.20	.3817	.5150	2010.490	2712.60	1.443	3.70
4	6	5304.01	.3789	.5328	2009.774	2825.87	5299.32	.3794	.5330	2010.562	2824.53	.788	1.34
5	6	5304.01	.3796	.5301	2013.648	2811.52	5300.62	.3795	.5285	2011.585	2801.37	2.063	10.15
6	6	5259.99	.3820	.5191	2009.532	2730.45	5252.53	.3825	.5225	2009.092	2744.44	.240	13.99
7	7	5295.13	.3791	.5300	2007.155	2806.55	5292.23	.3793	.5290	2007.342	2799.58	.187	6.97
8	6	5247.74	.3814	.5275	2001.281	2768.34	5243.04	.3814	.5270	1999.695	2763.08	1.586	5.26
9	10	5287.53	.3805	.5107	2011.327	2700.09	5285.90	.3811	.5150	2013.694	2721.20	1.867	21.11
180	9	5302.39	.3791	.5311	2010.115	2815.84	5296.01	.3797	.5310	2011.654	2813.24	1.539	2.60
1	5	5174.94	.3728	.5538	1929.443	2865.85	5170.45	.3733	.5550	1930.128	2869.59	.685	3.74
2	5	5286.03	.3793	.5256	2007.692	2778.35	5281.34	.3797	.5310	2005.324	2804.39	2.368	26.03
3	8	5278.18	.3798	.5213	2004.797	2751.40	5274.26	.3803	.5210	2005.801	2747.88	1.014	3.52
79171.02		30062.842		41598.65		79093.87		30058.308		41666.48		9.206	
												13.740	
												109.69	
												42.06	

December/19 - page 2

Fwd.		79171.08	30062.842	41598.85	79093.87	30058.308	41666.48	9.206	13.740	109.69	42.06
184	8	5297.82	2013.145	2864.26	5291.65	2012.943	2862.78	2.324	.202	14.42	1.48
5	10	5284.46	2008.433	2752.48	5280.35	2010.757	2766.90	3.029			.43
6	8	5290.79	2008.518	2851.40	5289.37	2011.547	2850.97		1.862		.77
7	6	5329.20	2010.309	2778.29	5320.92	2008.647	2777.52		.445		2.45
8	6	5329.90	2006.340	2775.29	5287.02	2005.895	2773.04		.185		2.57
9	7	5289.90	2009.750	2807.29	5286.94	2009.565	2804.72		.402	.24	
190	10	5290.50	2008.911	2782.88	5291.12	2008.509	2783.12	1.856			10.08
1	7	5301.04	2011.894	2777.26	5290.99	2013.750	2767.18	1.490			3.86
2	9	5299.56	2011.563	2870.93	5304.49	2013.053	2867.07	1.054			4.48
3	7	5308.60	2014.083	2807.55	5298.81	2015.137	2803.07				5.31
4	8	5301.80	2015.405	2796.63	5311.76	2013.157	2791.32	1.297	2.248		12.08
5	11	5321.51	2016.401	2796.75	5304.15	2017.698	2784.87		2.387	5.40	
6	8	5308.04	1994.513	2774.55	5245.20	1992.126	2822.23		.371	1.22	10.45
7	8	5251.41	2009.652	2756.54	5285.89	2009.281	2746.09		3.636		1.98
8	7	5316.40	2002.274	2771.76	5301.02	2008.556	2769.78		.250		.26
9	10	5295.54	2008.806	2761.15	5278.95	2007.584	2760.89		2.435		6.51
200	11	5306.61	2010.019	2760.27	5290.62	2007.790	2753.76		2.033	20.17	
1	9	5284.95	2009.823	2760.25	5292.35	2005.800	2805.95		1.027		2.93
2	10	5295.84	2007.952	2766.25	5289.27	2007.277	2736.85		.441		7.87
3	14	5291.73	2008.304	2744.72	5283.18	1997.083	2747.25		2.884		10.58
4	9	5267.08	1997.817	2757.83	5283.19	2007.083	2744.63		.622		3.83
5	8	5288.55	2009.967	2748.46	5288.32	2009.032	2810.19		3.604	4.86	
6	10	5293.08	2009.654	2805.33	5302.26	2007.965	2799.75		2.538	9.03	
7	8	5306.91	2011.569								
8	11	5296.97	2011.589	2790.72	5292.54	2009.048					
Fwd.		211587.41	60299.530	111327.53	211374.17	80276.522	111362.58	20.256	43.264	165.03	129.98

December/19 - page 3

Fwd.		211587.41	80299.530	111327.53	211374.17	80276.522	111362.58	20.256	43.264	165.03	129.98		
209	6	5284.13	.3804	.5329	2010.341	2816.16	5275.18	.3802	.5335	2005.623	2814.30	4.718	1.86
210	8	5281.20	.3799	.5220	2006.573	2756.99	5274.96	.3805	.5220	2007.122	2753.52	.549	3.47
1	15	5279.88	.3798	.5091	2005.536	2688.13	5274.09	.3801	.5125	2004.681	2702.97	.855	14.84
2	14	5278.44	.3801	.5071	2006.482	2676.63	5276.19	.3817	.5090	2013.921	2685.58	7.439	8.95
3	7	5277.66	.3799	.5246	2005.139	2768.24	5274.58	.3800	.5260	2004.340	2774.42	.799	6.18
4	7	5303.36	.3801	.5170	2015.640	2741.75	5299.34	.3804	.5210	2015.868	2760.95	.228	19.20
5	6	5285.54	.3804	.5178	2010.731	2736.83	5282.29	.3809	.5185	2012.024	2738.86	1.293	2.03
6	7	5475.02	.3663	.5402	2005.766	2957.33	5469.88	.3663	.5395	2003.617	2951.00	2.149	6.33
7	5	5290.65	.3802	.5279	2011.344	2793.04	5285.25	.3800	.5285	2008.395	2793.25	2.949	.21
8	5	5278.84	.3803	.5219	2007.307	2754.98	5275.21	.3805	.5240	2007.217	2764.21	.090	9.23
9	8	5286.63	.3803	.5042	2010.449	2665.39	5280.63	.3806	.5035	2009.807	2658.79	.642	6.60
220	8	5282.70	.3802	.4898	2008.490	2587.32	5276.21	.3804	.4910	2007.070	2590.61	1.420	3.29
1	9	5290.15	.3798	.5099	2009.061	2697.69	5288.94	.3800	.5165	2009.797	2731.73	.736	34.04
2	9	5288.42	.3801	.5235	2009.869	2767.28	5284.26	.3800	.5230	2008.018	2763.66	1.851	3.62
3	8	5294.05	.3798	.5167	2010.587	2735.58	5288.38	.3801	.5195	2010.113	2747.31	.474	11.73
4	9	5297.83	.3804	.5217	2015.512	2765.91	5291.27	.3807	.5250	2014.386	2777.91	1.126	14.00
5	9	5298.27	.3801	.4962	2014.007	2629.24	5291.30	.3802	.4995	2011.752	2643.00	2.255	13.76
6	10	5267.77	.3797	.5256	2008.000	2779.44	5283.85	.3800	.5300	2007.863	2800.44	.137	21.00
7	10	5292.62	.3800	.5314	2010.890	2812.51	5285.39	.3803	.5400	2010.033	2854.11	.857	41.60

312240.57

118481.254 163455.97 311931.37

118448.169 163669.20 30.501

63.586 365.09 151.86

Melting loss, Gold
" gain, Silver
Recoveries
Net gain, Gold
Total gain, Silver

33.085 213.23
50.093 66.75
17.008 279.98

Respectfully submitted, January 10, 1920.

Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on Hand at close of business
January 31, 1920

	Fine ounces
Gold	
Refined	30,070.425
Unrefined	589,090.486
Peruvian Ingots	<u>15,044.095</u>
Total	634,205.006

Silver	
Refined	732,001.32
Mexican Coin bars	204,967.44
Unrefined	<u>278,215.06</u>
Total	1,215,183.82

	Troy ounces
Minor Coinage Metals	
Copper	946,872.30
Nickel	316,140.10
Zinc	61,674.16
Tin	39,236.24
Bronze Ingots	45,324.10
Nickel "	<u>36,097.00</u>
Total	1,345,343.90

Respectfully,

B. J. McManis
Supt. M. & R. Dept.

Feb. 4, 1920

184

Gold Loss
Silver Gain
Recoveries

Total Gains

226	8	5297.17	.3794	.5232	2009.670	2771.74	5288.77	.3798	.5250	2008.674	2776.80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
-----	---	---------	-------	-------	----------	---------	---------	-------	-------	----------	---------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Jan/20 - page 2

Fwd. 68797.14

241	8	5315.23	.3784	.5210	2011.219	2769.12	5309.61	.3783	.5215	2008.625	2768.96	2.594				
2	9	5279.34	.3804	.5253	2008.506	2773.32	5270.85	.3808	.5250	2007.139	2767.19	1.367				.16
3	7	5295.61	.3799	.5234	2011.999	2771.62	5289.93	.3800	.5240	2010.173	2771.92	1.826				6.13
4	6	5282.44	.3801	.5264	2007.808	2780.45	5276.55	.3805	.5265	2007.727	2778.10	.081			.30	2.35
5	8	5282.07	.3802	.5309	2008.079	2804.22	5275.58	.3805	.5315	2007.358	2803.97	.721				.25
6	9	5265.23	.3807	.5239	2004.521	2758.63	5257.02	.3810	.5255	2002.924	2762.56	1.597				
7	94	5306.40	.3795	.5215	2013.391	2766.77	5303.69	.3798	.5220	2014.341	2768.52	.950				
8	11	5288.21	.3803	.5241	2011.000	2771.60	5278.61	.3801	.5260	2006.399	2776.54	4.601			4.94	
9	8	5290.79	.3800	.5163	2010.435	2731.53	5284.69	.3799	.5160	2007.653	2728.90	2.782				4.63
250	7	5294.02	.3804	.5181	2013.913	2742.88	5291.67	.3805	.5175	2013.480	2738.43	.433				4.45
1	8	5295.65	.3801	.5197	2012.616	2752.03	5289.95	.3801	.5200	2010.709	2750.77	1.907				1.26
2	7	5291.32	.3804	.5245	2012.703	2775.06	5285.70	.3802	.5250	2009.623	2774.99	3.080				.07
3	7	5294.22	.3804	.5314	2013.747	2813.60	5290.85	.3802	.5315	2011.581	2812.08	2.166				1.52
4	7	5290.87	.3807	.5249	2014.359	2777.22	5286.55	.3806	.5215	2012.060	2756.93	2.299				20.29
5	9	5290.19	.3796	.5175	2008.362	2737.88	5286.79	.3802	.5140	2010.037	2717.41	1.675				20.47
6	7	5288.81	.3803	.5147	2011.330	2722.01	5285.49	.3805	.5120	2011.128	2706.17	.202				15.84
263	90	5297.80	.3798	.5259	2011.584	2785.90	5292.61	.3802	.5325	2012.514	2818.31	.930			32.51	

158745.34 60310.088 82884.53 158588.87 60282.853 82870.67 9.993 37.228 107.16 121.02

Melting losses
Recoveries
Gold loss
Silver gain

27.235	107.16	121.02
25.551		13.86
1.684		32.56
		18.70

Respectfully submitted, February 20, 1920.

W. H. Watson
Supt. W. & R. Dept.

United States of America

Orville Harrington

Numbers, Finenesses, Weights, and Values of 55 pieces of Bullion recovered

Set. Lot No.	Lot No.	Finenesses (thousandths)	Weight Troy ozs.	Before Drilling		After Drilling	
				Gold	Silver	Gold	Silver
25	1	867	70.69	63.702	6.60	296.17	\$8.71
26	2	887	74.03	65.701	6.88	358.16	9.08
27	2	935	71.60	66.981	4.15	384.62	5.48
28	2	887	81.83	72.603	7.52	500.84	9.93
29	2	999.9	177.92	177.902	---	677.56	---
30	2	930	79.64	74.085	5.21	531.47	6.88
31	3	930	75.35	70.075	4.97	448.58	6.56
32	3	885	88.79	78.623	7.68	625.28	10.14
33	3	930	72.39	67.358	4.74	539.33	6.26
34	3	930	80.07	74.465	5.20	545.45	6.88
35	3	929	80.41	74.761	5.22	545.45	6.88
36	3	930	83.68	77.322	5.48	608.72	7.24
37	3	930	74.53	69.331	4.84	433.20	6.39
38	3	929	87.89	81.671	5.66	688.29	7.47
39	3	930	71.22	66.252	4.66	369.55	6.15
40	3	930	71.59	66.578	4.72	376.29	6.23
41	3	929	75.07	69.777	4.76	442.42	6.28
42	3	930	76.62	71.461	5.03	477.23	6.84
43	3	881	93.74	82.608	8.95	707.66	11.81
44	3	930	75.07	69.615	4.99	443.20	6.59
45	3	879	82.37	72.403	8.07	496.70	10.65
46	3	937	87.68	82.156	5.08	698.32	6.71
47	3	930	72.55	67.469	4.71	395.12	6.22
48	3	937	77.58	72.692	4.46	502.68	5.89
49	3	883	85.48	75.478	9.10	560.27	12.01
50	3	930	88.60	82.420	5.80	703.77	7.66
51	3	930	76.98	71.610	5.04	480.31	6.65
52	3	930	72.20	67.164	4.72	388.40	6.23
Carried Forward			2 305.77	2 131.983	154.24	44 072.00	203.61
						2 298.66	2 125.437
						153.70	43 936.69
							202.88

* Lot 1, Found on Harrington's person
 * Lot 2, Found in yard
 * Lot 3, Found in cellar

Set Lot No.	Lot No.	Plinenceses (thousands) Gold Silver	Before Drilling				After Drilling					
			Weight Troy ozs.	Fine ounces Gold Silver	Values Gold Silver at \$1.32	Weight Troy ozs.	Fine ounces Gold Silver	Values Gold Silver at \$1.32				
53	Brought Forward	883	2 305.77	2 131.983	154.24	44 072.00	203.61	2 298.66	2 125.437	153.70	43 936.89	202.88
54	3	929 $\frac{1}{2}$	80.81	71.355	8.40	\$1 475.04	\$11.09	80.54	71.116	8.37	\$1 470.10	\$11.05
55	3	869	77.42	71.981	4.95	1 487.98	6.53	77.16	71.739	4.93	1 482.98	6.51
56	3	868 $\frac{1}{2}$	93.10	80.903	9.54	1 672.41	12.59	92.79	80.634	9.51	1 666.85	12.55
57	3	929 $\frac{1}{2}$	98.19	85.302	10.01	1 783.35	13.21	97.89	85.041	9.98	1 757.95	13.17
58	3	875 $\frac{1}{2}$	83.79	77.861	5.40	1 609.53	7.13	83.52	77.610	5.38	1 604.34	7.10
59	3	929 $\frac{1}{2}$	70.13	61.396	7.08	1 269.21	9.35	69.90	61.197	7.05	1 285.05	9.31
60	3	929 $\frac{1}{2}$	101	61.396	7.08	1 269.21	9.35	72.20	67.127	4.69	1 387.64	6.19
61	3	935 $\frac{1}{2}$	65	67.341	4.70	1 392.07	6.20	72.00	67.374	4.17	1 392.74	5.50
62	3	929 $\frac{1}{2}$	72.24	67.598	4.18	1 397.37	5.52	75.05	69.758	4.84	1 442.03	6.39
63	3	929 $\frac{1}{2}$	58	69.991	4.85	1 446.84	6.40	75.34	70.028	4.85	1 447.61	6.40
64	3	890	75.30	70.242	4.87	1 452.05	6.43	78.22	72.725	5.31	1 503.36	7.01
65	3	929 $\frac{1}{2}$	78.45	72.938	5.33	1 507.75	7.04	93.64	83.339	8.33	1 732.77	11.00
66	3	880 $\frac{1}{2}$	93.95	83.615	8.36	1 728.48	11.04	92.68	81.604	9.08	1 686.90	11.99
67	3	937	98	81.842	9.10	1 691.83	12.01	83.98	78.689	4.87	1 628.65	6.43
68	3	936 $\frac{1}{2}$	84.25	78.942	4.88	1 631.88	6.44	75.76	70.930	4.35	1 466.25	5.74
69	3	930	76.01	71.164	4.37	1 471.09	5.77	86.69	80.621	5.63	1 666.58	7.43
70	3	885 $\frac{1}{2}$	86.95	80.863	5.65	1 671.59	7.46	95.80	84.830	8.28	1 753.59	10.93
71	3	930 $\frac{1}{2}$	96.09	85.087	8.31	1 758.90	10.97	87.95	81.815	5.71	1 691.27	7.54
72	3	937	88.22	82.066	5.73	1 696.46	7.56	81.02	75.915	4.69	1 569.30	6.18
73	3	928 $\frac{1}{2}$	81.27	76.149	4.71	1 574.14	6.22	81.74	75.895	5.39	1 568.89	7.11
74	3	929 $\frac{1}{2}$	58	76.118	5.41	1 573.50	7.14	78.17	72.659	5.00	1 501.99	6.60
75	3	930 $\frac{1}{2}$	66	72.863	5.01	1 506.21	6.61	85.03	79.099	5.52	1 635.12	7.29
76	3	930 $\frac{1}{2}$	64	79.341	5.54	1 640.12	7.31	80.60	74.978	5.27	1 549.93	6.98
77	3	930	85.29	75.201	5.29	1 554.54	6.98	68.69	63.881	4.46	1 320.54	5.89
78	3	930 $\frac{1}{2}$	65	64.104	4.48	1 325.15	5.91	107.39	99.899	6.87	2 065.10	9.07
79	3	879	68.93	64.104	4.48	1 325.15	5.91	81.18	71.357	7.99	1 475.08	10.55
79 $\frac{1}{2}$	3	936 $\frac{1}{2}$	107.75	100.234	6.89	2 072.02	9.09	115.26	107.912	8.68	2 230.74	8.62
79	3	936 $\frac{1}{2}$	81.44	71.585	8.02	1 479.79	10.59					
79	3	936 $\frac{1}{2}$	58	108.239	6.70	2 237.50	8.84					
	Totals		4 583.12	4 216.306	322.00	\$87 158.78	\$425.04	4 583.05	4 216.303	322.00	\$87 158.78	\$425.04
79 $\frac{1}{2}$	Bar From Drillings							14.20	13.097	1.10	270.74	1.45

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Statement of Metals on hand at close of business, Feb. 28, 1920.

	Fine ounces
<u>Gold</u>	
Refined	2,566.384
Peruvian Ingots	15,044.390
Unrefined	<u>651,111.825</u>
Total	668,722.599

<u>Silver</u>	
Refined	657,029.56
Mexican Coin Bars	130,996.00
H.D. Ingots	44,485.12
Unrefined	<u>274,127.94</u>
Total	1,106,638.62

	Troy ounces
<u>Minor Coinage Metals</u>	
Copper	266,109.32
Nickel	284,413.02
Tin	29,013.47
Zinc	46,339.99
Bronze Ingots	<u>20,835.20</u>
Total	<u>646,711.00</u>

Respectfully,

Supt. M. & R. Dept.

March 2, 1920.

Summary of Settlement of March 8, 1920

		Gold	Silver
G. Deposits, 1918	*	12 432.942	3 983.30
1919	*	143 678.703	18 580.48
1920	*	238 470.188	31 373.97
S. Deposits, 1920	*	7 685.005	87 709.06
Seattle, 1920	*	79 193.330	9 014.89
Boise, "	*	6 646.360	11 158.57
Helena, "	*	5 210.487	6 986.63
Deadwood, "	*	2 155.508	4 028.12
Salt Lake "	*	674.912	2 562.59
M.F. Silver	%		412 902.56
Ref'y G. Set.	*	111 436.476	10 951.99
Do "Harrington"	#	4 216.305	322.00
Ref'y S. Set.	*	33 199.049	71 968.08
Copper Base	*	169.357	452.94
Iron "	*	208.032	144.61
Purchase Silver	&		203 721.62
Mexican Coin Bars	%		107 040.62
Peruvian Ingots	*	15 044.390	
Cop. Base 1919 Set.	*	353.018	326.17
Certificate Bars	*	2 566.384	
Mass Melts	*	3 770.554	5 957.66
Fine Silver Ingots	*		5 114.57
M. & R. Expls.	*	633.789	1 338.20
Assay Bars	*	652.453	594.88
Sweeps		439.669	1 346.28
Bureau owes		5.984	
Weigh clerk owes		3.429	64.66
Assayer owes		16.929	843.16
TOTAL DELIVERED		668 863.253	998 487.61
Total chgd. M&R		668 722.599	998 456.77
SURPLUS		140.654	30.84
* Under seal, Vault G		664 180.937	272 246.71
# In Supt.'s vault		4 216.305	322.00
% In Make-up room			519 943.18
& In Rear Corridor			203 721.62
Miscellaneous		466.011	2 254.10
Total Del'd		668 863.253	998 487.61

B.P. Wirth
E.D. Hawkins
Commissioners

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on Hand at Close of Business,
March 31, 1920.

Gold	Fine ozs.
Refined	2,566.384
Peruvian Ingots	15,044.390
Unrefined	685,888.801
Total	703,299.575
Silver	Troy ozs.
Refined	502,300.07
Mexican Coin Bars	183,500.94
Dime Ingots	44,018.74
Unrefined	333,442.35
Total	1,063,262.10
Minor Coinage Metals	
Copper	2,024,243.49
Nickel	207,782.76
Tin	21,743.81
Zinc	55,435.52
Nickel Ingots	39,759.00
Bronze	21,076.80
Total	2,350,041.38

Respectfully,

Supt. M. & R. Dept.

April 1, 1920.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion and Metals on Hand at Close of Business,
March 31, 1920.

Gold

	Fine ozs.
Refined	2,566.384
Peruvian Ingots	15,044.390
Unrefined	665,686.801
Total	703,299.575

Silver

Refined	502,300.07
Mexican Coin Bars	183,500.94
Dime Ingots	44,018.74
Unrefined	333,442.35
Total	1,063,262.10

Troy ozs.

Minor Coinage Metals

Copper	2,024,243.49
Nickel	207,782.76
Tin	21,743.81
Zinc	35,435.52
Nickel Ingots	39,759.00
Bronze	21,076.80

Total

Respectfully,

April 1, 1920.

Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on hand at close of business

April 30, 1920

	Fine ounces
 Gold	
Refined	2,566.384
Peruvian Ingots	15,044.390
Unrefined	<u>706,889.181</u>
Total	724,499.955

 Silver	
Refined	213,103.40
Mexican coin bars	121,817.55
Dime Ingots	21,781.30
Quarter Ingots	23,025.69
Unrefined	<u>370,453.14</u>
Total	750,181.08

	Troy ounces
 Minor Coinage Metals	
Copper	1,629,816.05
Nickel	94,037.31
Zinc	33,755.80
Tin	<u>20,624.00</u>
Total	<u>1,778,233.16</u>

Respectfully,

Actg. Supt. M. & R. Dept.

May 1, 1920

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on Hand at close of business,
May 29, 1920.

	Fine ounces
Gold	
Refined	2,566.384
Peruvian Ingots	15,044.390
Unrefined	<u>759,512.991</u>
Total	777,123.765
Silver	
Refined	183,559.61
Mexican coin bars	124,014.50
Quarter Dollar Ingots	44,577.09
Unrefined	<u>367,328.08</u>
Total	719,479.28
	Troy ounces
Minor Coinage Metals	
Copper	1,682,283.02
Nickel	390,496.43
Zinc	35,143.94
Tin	<u>21,549.43</u>
Total	<u>2,129,472.82</u>

Respectfully,

J. H. Koetrich
Supt. M. & R. Dept.

June 2, 1920.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on hand at close of business June 30,
1920

<u>Gold</u>	Fine ounces
Refined	2,566.384
Peruvian ingots	15,044.390
Unrefined	<u>791,131.132</u>
Total	808,741.906
 <u>Silver</u>	
Mint Fine	123,012.80
Refined Deposits	122,989.26
Mexican coin bars	57,169.47
Unrefined	<u>379,960.78</u>
Total	683,132.31
 <u>Minor Coin Metals</u>	Troy ounces
Copper	1,299,882.23
Nickel	357,069.94
Tin	15,668.77
Zinc	26,322.93
Nickel Ingots	16,428.50
Bronze "	<u>20,498.70</u>
Total	1,735,869.07

Respectfully,

J. H. Betrich
Supt. M. & R. Dept.

July 8, 1920.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

M + R Dept

Salaries & Wages 1919-1920

Office	\$ 8253.15
Make up	1607.02
Ingot room	16,167.93
Refining	15,590.86
Sweeps C	516.08
	<hr/>
	\$ 42,135.04

Note:

Milson, Gen. Dept

\$ 577.51

St. John Gen. Dept

\$ 51.00

John Koetrich
Supt. M + R Dept.

July 7, 1920

J

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on Hand at close of Business,
July 31, 1920

Gold	Fine ounces
Refined	2,566.384
Peruvian Ingots	15,044.390
Unrefined	<u>826,175.431</u>
Total	<u>843,786.205</u>
Silver	
Mint Fine	123,012.80
Refined Deposits	122,989.26
Mexican Coin Bars	96,297.15
Unrefined	<u>454,393.98</u>
Total	<u>796,693.19</u>
	Troy ounces
Minor Coin Metals	
Copper	844,857.56
Nickel	321,293.10
Zinc	103,309.79
Tin	67,929.09
Nickel Ingots	13,147.10
Bronze "	<u>31,259.80</u>
Total	<u>1,381,796.44</u>

Respectfully,

J. H. Hatrick
Supt. M. & R. Dept.

August 2, 1920.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on Hand at close of business,
July 31, 1920

Gold	Fine ounces
Refined	2,566.384
Peruvian Ingots	15,044.390
Unrefined	<u>826,175.431</u>
Total	<u>843,786.205</u>

Silver	
Mint Fine Bars	123,012.80
Refined Deposits	122,989.26
Mexican Coin Bars	96,297.15
Unrefined	<u>454,393.98</u>
Total	<u>796,693.19</u>

Minor Coinage Metals	Troy ounces
Copper	839,871.99
Nickel	327,525.07
Zinc	102,561.95
Tin	67,430.53
Nickel Ingots	13,147.10
Bronze	<u>31,259.80</u>
Total	<u>1,381,796.44</u>

Respectfully,


Supt. M. & R. Dept.

August 2, 1920.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on Hand at close of business,
August 31, 1920.

<u>Gold</u>	Fine ounces
Refined	2,566.384
Peruvian Ingots	15,044.390
Unrefined	<u>851,875.914</u>
Total	869,486.688

<u>Silver</u>	
Mint Fine bars	123,012.80
Refined deposits	122,989.26
Mexican Coin bars	118,204.91
Unrefined	<u>511,368.44</u>
Total	875,575.41

Troy ounces

<u>Minor Coinage Metals</u>	
Copper	1,552,995.39
Nickel	298,282.84
Tin	59,729.13
Zinc	91,009.85
Ingots, Bronze	51,862.60
" Nickel	<u>16,397.90</u>
Total	2,070,277.71

Respectfully,

J. H. Leetnick
Supt. M. & R. Dept.

Sept. 3, 1920.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion and Metals on Hand at close of business,
September 30, 1920.

Gold

Fine ounces

Refined	2,566.384
Peruvian Ingots	15,044.390
Unrefined	<u>873,746.857</u>
Total	<u>891,357.631</u>

Silver

Mint Fine bars	123,012.80
Refined Deposits	122,989.26
Mexican Coin bars	123,309.01
Unrefined	<u>595,918.72</u>
Total	<u>965,229.79</u>

Minor Coinage Metals

Troy ounces

Copper	1,068,537.85
Nickel	283,455.71
Tin	60,486.48
Zinc	77,115.87
Bronze Ingots	<u>34,839.80</u>
Total	<u>1,514,425.51</u>

Colombian Coinage Metals

Copper	2,001,377.11
Nickel	667,135.42
One-centavo Ingots	<u>21,380.80</u>
Total	<u>2,689,833.33</u>

Respectfully,

Jarman St. John

Acting Supt. M. & R. Dept.

Oct 4/20

THE MINT OF THE UNITED STATES AT DENVER,

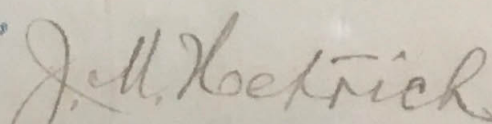
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion and Metals on hand at close of business,

November 30, 1920

Gold	Fine ounces
Refined	2,566,384
Peruvian Ingots	15,044.390
Unrefined	<u>926,769.786</u>
Total	<u>944,380.560</u>
Silver	
Mint Fine	123,012.80
Refined Deposits	122,989.26
Silver Dollars, melted	82,357.24
Mexican coin bars	125,514.90
Unrefined	<u>668,075.25</u>
Total	<u>1,121,949.45</u>
Minor Coinage Metals	Troy ounces
Copper	2,685,780.28
Nickel	299,960.17
Tin	34,348.58
Zinc	52,939.01
Bronze Ingots	<u>17,099.00</u>
Total	<u>3,090,127.04</u>
Colombian Coinage Metals	
Copper	1,100,756.34
Nickel	366,928.49
1 Centavo ingots	17,339.60
2 " "	<u>22,013.50</u>
Total	<u>1,507,037.93</u>

Respectfully,



Supt. M. & R. Dept.

Dec. 1, 1920.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on hand at close of business,
December 31, 1920.

Gold	Fine ounces
Refined	2,566.384
Peruvian Ingots	15,044.390
Unrefined	<u>946,626.519</u>
Total	<u>964,237.293</u>

Silver	
Refined Deposits	148,859.77
Unrefined	<u>739,654.01</u>
Total	<u>888,513.78</u>

Minor Coinage Metals	Troy ounces
Copper	2,517,133.34
Nickel	299,960.17
	30,798.11
	<u>47,613.32</u>
Zinc	<u>2,895,504.94</u>
Total	<u>2,895,504.94</u>

Colombian Coinage Metals	
Copper	1,047,215.79
Nickel	349,081.64
Two-Centavo Ingots	<u>22,370.80</u>
Total	<u>1,418,668.23</u>

Respectfully,

Supt. M. & R. Dept.

Jan. 3, 1921.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on Hand at close of business,
February 28, 1921

Gold

	Fine ozs.
Refined	2,566.384
Peruvian Ingots	15,044.390
Coin bars	4,087.439
Unrefined	<u>994,529.138</u>
Total	1,016,227.351

Silver

Refined Deposits	543,664.88
Mexican Coin bars	3,081.53
Unrefined	<u>829,680.42</u>
Total	1,376,426.83

Minor Coinage Metals

	Troy ozs.
Copper	3,667,786.36
Nickel	301,496.13
Tin	30,786.67
Zinc	<u>47,596.14</u>
Total	4,047,665.30

Colombian Coinage Metals

Copper	331,831.89
Nickel	110,620.34
1 Centavo Ingots	27,329.20
2 " "	<u>27,555.20</u>
Total	497,336.63

Respectfully,

John H. Smith
Supt. M. & R. Dept.

March 1, 1921.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on hand at close of business,

March 31, 1921.

Gold	Fine ozs,
Refined	2,566.384
Peruvian Ingots	15,044.390
Coin Bars	4,087.439
Unrefined	<u>1,022,874.435</u>
Total	1,044,572.648

Silver	
Refined Deposits	686,453.53
Mexican Coin, Bars	3,081.53
Unrefined	<u>878,137.11</u>
Total	1,567,702.17

Troy ozs.

Minor Coinage Metals	
Copper	3,651,549.24
Nickel	301,496.13
Zinc	47,083.39
Tin	30,444.84
Bronze Ingots	<u>17,091.70</u>
Total	4,047,665.30

Colombian Coinage Metals	
Copper	3,176.49
Nickel	1,068.54
One-Centavo Ingots	<u>26,570.80</u>
Total	30,815.83

Respectfully,

J. M. Beckrich

Supt. M. & R. Dept.

April 2, 1921.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on hand at close of business, April 30,

1921

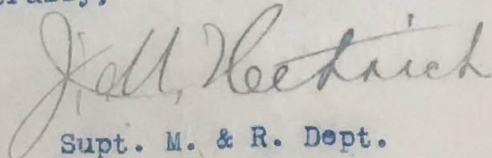
<u>Gold</u>	Fine ounces
Refined	2,566,384
Peruvian Ingots	15,044,390
Coin bars	5,615.459
Unrefined	<u>1,053,362.520</u>
Total	<u>1,076,588.753</u>

<u>Silver</u>	
Refined Deposits	1,400,405.62
Mexican coin bars	3,081.53
U.S. Coin bars	1,439.82
Ingots (Sil.Dol.)	185,861.62
Unrefined	<u>1,011,024.10</u>
Total	<u>2,601,812.69</u>

<u>Minor Coinage Metals</u>	Troy ounces
Copper	3,314,932.93
Nickel	269,998.16
Tin	25,347.53
Zinc	<u>39,437.42</u>
Total	<u>3,649,716.04</u>

<u>Colombian Coinage Metals</u>	
Copper	85,783.48
Nickel	<u>28,604.21</u>
Total	<u>114,387.69</u>

Respectfully,



Supt. M. & R. Dept.

May 4, 1921.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

M. & R. Dept. Expense Report, Standard Silver Dollar Work, April, 1921

Supplies

17 Crucibles, Spl. #80
9 Covers
24 Four inch rings
8 Two " "
19 No. 4 Cups
7 Gal. Lard Oil
23 prs. Buck Gloves
12 Aprons
12 prs. Sleeves
6 Asbestos Mitts
40 Carpet Mitts
6 sacks Charcoal
15 " Fire clay
180 Full Segment brick
75 Fire brick
40 Split brick
6 Burner Tile
6 -14" Files
1 Water pail
6 Bench Brushes
1 Floor "
12 prs. Canvas Gloves

470 Furnace Hours
26 Fan "
26 Topper "

Time, Ingot Melting

Lindhard,	159 hrs.
Donahue	159 "
Spencer	159 "
Borstadt	159 "
Baskind	139½ "
O'Connell	118 "
Hume	99 "
Ryan	139 "

Time, Make-up Room

Waters	140 hrs.
Duncan	16 "

Time, Office

Supt. Hetrich	13 days
St. John	13 "

Respectfully,

J. H. Hetrich
Supt. M. & R. Dept.

May 14, 1921.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

M. & R. Dept. Expense Report, Standard Silver Dollar Work, May, 1921.

Supplies

43 Crucibles, Spl. #80
 8 Covers
 38 - 4" Rings
 8 - 2" "
 245 Quarter Slides
 1 Set A B C Hood tile
 4 Bottom tile
 36 #4 Cups
 40 Split brick
 80 Fire "
 10 Soap "
 210 lbs. Borax
 45 " Soda
 140 " Nitre
 13 Asbestos Mitts
 68 Carpet "
 14 Aprons
 18 Pcs. Canvas gloves
 36 " Buck "
 10 Gal. Lard oil
 4 Sacks Fire clay
 8 - 14" Files
 1 Box chalk
 1 Furnace hood
 1 Galv. Wash tub
 2 - $\frac{1}{4}$ " Needle valves
 2 - $\frac{1}{8}$ " Unions
 2 #2056 Paint brushes

 Furnace Hours, 1014
 Topper " 54
 Fan " 54

Respectfully,

John H. H. H.

Supt. M. & R. Dept.

June 1, 1921.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on Hand at Close of Business,

May 31, 1921

Gold	Fine ounces
Refined	2,566.384
Peruvian Ingots	15,044.390
Coin bars	5,615.459
Unrefined	<u>1,084,474.417</u>
Total	<u>1,107,700.650</u>

Silver	
Refined Deposits	3,543,150.37
Mexican Coin bars	3,081.53
U.S. Coin	1,439.82
Ingots (Dollar)	187,476.71
Unrefined	<u>1,128,499.35</u>
Total	<u>4,863,647.78</u>

Minor Coinage Metals	Troy ounces
Copper	3,140,614.40
Nickel	244,167.44
Tin	25,347.53
Zinc	<u>39,437.42</u>
Total	<u>3,449,566.79</u>

Colombian Coinage Metals	
Copper	93,369.58
Nickel	<u>31,132.91</u>
Total	<u>124,502.49</u>

Respectfully,

Jell H. Ketchum
Supt. M. & R. Dept.

June 4, 1921.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Wastages for the Fiscal Year, 1921.

Nickel, Bronze, and Colombian Ingots

Nickel Ingots manufactured,	613,840.80 ozs.	Wastage,	1,373.00
Bronze " "	3,317,449.20 "	" "	23,117.00
Colombian " "	4,114,922.40 "	" "	9,215.00

June 18, 1921.

J. M. Hetrick
Sup't. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Wastages for the Fiscal Year, 1921.

Nickel, Bronze, and Colombian Ingots

Nickel Ingots manufactured,	613,840.80	ozs.	Wastage,	1,373.00	ozs.
Bronze " "	3,317,449.20	"	"	23,117.00	"
Colombian " "	4,114,922.40	"	"	7,212.30	"

June 21, 1921.

J. H. Ketchick
Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,

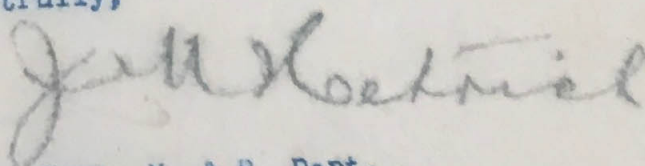
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on hand at close of business,

June 30, 1921

<u>Gold</u>		Fine ounces
Refined		4,251.224
Peruvian Ingots		15,044.390
Coin bars		17,471.007
Unrefined		<u>1,109,647.194</u>
Total		<u>1,146,413.815</u>
<u>Silver</u>		
Refined Deposits		6,041,196.07
Mexican coin bars		3,081.53
Coin bars		5,835.36
Unrefined		<u>1,217,979.45</u>
Total		<u>7,288,092.41</u>
		Troy ounces
<u>Minor</u>	Copper	2,803,389.02
<u>Coinage</u>	Nickel	392,900.76
<u>Metals</u>	Tin	24,885.19
	Zinc	<u>38,743.91</u>
Total		<u>3,259,918.88</u>

Respectfully,



Supt. M. & R. Dept.

July 6, 1921.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Salaries and Wages Expense, M. & R. Dept., Fiscal year, 1921.

Office	\$5,974.59
Ingot Melting room	18,395.33
Make-up Room	<u>2,121.47</u>
Total	<u>\$26,491.39</u>

Respectfully,

J. M. Hestrich

Supt. M. & R. Dept.

July 7, 1921.

The Superintendent of the Melting & Refining Department of the Denver Mint received, operated upon, and returned Gold and Silver Bullion and Minor Metals, during the fiscal year 1921, as follows:

RECEIPTS		Gold, Fine ozs.	Silver, Fine ozs.	Nickel, Troy ozs.	Bronze, Troy ozs.	Colombian Troy ozs.
Settlement, June 30, 1920		808,914.774	683,108.68	985,135.11	728,145.26	
Deposits		331,842.874	10,433,990.29			
Clippings			2,236,043.99	273,702.70	819,998.80	1,324,854.50
Condemned Coin & Blanks		5,622.552	321,926.62	9,627.70	33,528.50	55,807.70
Certificate Bars		2,115.629				
Superintendent's sweeps		31.856				
Coiner's Bars & Grains			84.88			
"sweeps			2,190.96			
Silver Dollar Stock withdrawn			45.50			
Ingot Copper			82,357.24			
Tin				1,333,566.67	3,333,333.33	2,049,570.83
Zinc					59,580.20	
Shot Nickel					87,966.67	
Uncurrent coin				6,143.86	2,794.80	683,200.00
Transfer from Colombian Acct.				117,290.19		125,991.86
"Minor (Nickel)						
Surplus		138.701	1,034.18			
Totals		1,148,666.386	13,760,782.34	2,725,466.23	5,065,347.56	4,239,424.89
RETURNS						
Under Seal, July 6, 1920		808,848.700	379,331.18			
Silver Dollar Ingots			5,663,538.43			
Subsidiary Silver			828,117.32			
Minor & Colombian Ingots				626,912.80	3,353,914.70	4,114,922.40
Fine bars		2,113.870	6,041,196.07			
Unparted bars		337,642.751	847,780.93			
Proof bullion, etc.		31,480	539.05			
Sweeps		25,371	279.36			
Due from Bureau (1920 Set'tmt)		4,214		1,172,138.57	1,603,282.57	
Ingot copper				390,712.86		
Nickel				399,585.55		
Alloy copper to Silver Ingots					33,753.32	
Tin					50,629.97	
Zinc					650.00	
Residues				8,751.59		117,290.19
Transfers to Minor & Colombian				125,991.86		7,212.30
Wastage				1,373.00	23,117.00	
Totals		1,148,666.386	13,760,782.34	2,725,466.23	5,065,347.56	4,239,424.89

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

M. & R. Dept. Expense Report, Standard Silver Dollar Work, July, 1921.

Supplies

22 Crucibles, #80 Spl.
25 Cups #4
16 Rings, 4"
10 " 2"
72 Quarter slides
28 Split brick
50 Fire "
75 lbs. Borax
30 " Nitre
30 Carpet Mitts
11 Asbestos "
15 prs. Buck gloves
8 " Canvas "
7 " Sleeves
3 Aprons
6 B. L. Covers
3 Flat files, 14"
5 Gal. Lard oil
4 Sacks Charcoal
2 " Fire clay
2 lbs. Cheesecloth
1 Pedestal

Furnace Hours, 493
Topper " 19
Fan " 19

Respectfully,

Jarman St. John

Acting Supt. M. & R. Dept.

August 1, 1921.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on Hand at close of Business, July 30, 1921

Fine ozs.

Gold

Refined	4,251.224
Peruvian Ingots	15,044.390
Coin Bars	17,471.007
Unrefined	<u>1,138,406.041</u>
Total	<u>1,175,172.662</u>

Silver

Refined Deposits (Pittman)	8,008,247.44
Mexican Coin bars	3,081.53
U.S. Coin bars	5,835.36
Silver Dollar Ingots	156,986.40
Clippings, etc.	105,096.27
Unrefined	<u>1,309,797.18</u>
Total	<u>9,589,024.18</u>

Troy ozs.

Minor Coinage Metals

Copper	2,803,389.02
Nickel	392,900.76
Zinc	38,743.91
Tin	<u>24,885.19</u>
Total	<u>3,259,918.88</u>

Respectfully,

Jarman St. John

Acting Supt. M. & R. Dept.

August 3, 1921.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, M. & R. Dept., July, 1921.

Annis	95
Baskind	95
Borstadt	95
Carlisle	90
Dardis	95
Donahue	100
Duncan	90
Hollinger	85
Huffaker	90
Lindhard	100
Koebel	90
Ryan	100
Russell	90
Spencer	100
Waters	95
Welsh	90
Whitaker	100

August 5, 1921.

Farman St. John
Acting Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, M. & R. Dept., August, 1921.

Annis	95
Aurand	90
Baskind	95
Borstadt	100
Bucher	95
Carlisle	95
Dardis	95
Donahue	100
Duncan	95
Hollinger	95
Hoskins	85
Huffaker	95
Koebel	95
Lindhard	100
Milson	100
Russell	95
Ryan	100
Spencer	100
Waters	100
Welsh	95
Whitaker	100

Respectfully,

Jarman St John

Acting Supt. M. & R. Dept.

Sept. 8, 1921.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on Hand at close of Business,

August 31, 1921,

Gold	Fine ozs.
Refined	4,251.224
Peruvian Ingots	15,044.390
Coin bars	19,546.192
Unrefined	<u>1,170,963.442</u>
Total	<u>1,209,805.248</u>
Silver	
Refined (Pittman)	9,423,984.63
Mexican Coin Bars	3,081.53
U. S. " "	5,835.36
Silver Dollar Ingots	223,460.69
Clippings, etc.	50,612.85
Unrefined	<u>1,406,585.77</u>
Total	<u>11,113,560.83</u>
Minor Coinage Metals	
	Troy ozs.
Copper	2,703,446.03
Nickel	392,900.76
Zinc	50,649.47
Tin	<u>33,766.32</u>
Total	<u>3,180,762.58</u>

Respectfully,

Jarman St. John

Acting Supt. M. & R. Dept.

Sept. 15, 1921.

THE MINT OF THE UNITED STATES AT DENVER.
MELTER AND REFINER'S DEPARTMENT.

Efficiency Report, M. & R. Dept., September, 1921.

<i>Baskind</i>	95
Bucher	95
Dardis	95
Donahue	100
Lindhard	100
Milsom	100
Ryan	100
Spencer	100
Waters	100
Welsh	95
Whitaker	100

Respectfully,

Samuel H. John

Acting Supt. M. & R. Dept.

Sept. 30, 1921.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion and Metals on Hand at close of Business,
September 30, 1921.

Gold	Fine ozs.
Refined	4,251.224
Peruvian Ingots	15,044.390
Coin bars	21,370.835
Unrefined	<u>1,193,861.001</u>
Total	<u>1,234,527.450</u>
Silver	
Refined (Pitman)	8,848,371.00
U.S. Coin bars	5,835.36
Mex. " "	3,081.53
Silver Dollar Ingots.	588,572.00
Clippings, etc.	70,567.02
Unrefined	<u>1,556,309.52</u>
Total	<u>11,073,036.43</u>
	Troy ozs.
Minor Coinage Metals	
Copper	2,523,711.03
Nickel	392,900.76
Zinc	50,649.47
Tin	33,768.32
Uncurrent Coin, Nickel	25,611.00
" " Bronze	<u>1,759.00</u>
Total	<u>3,028,397.58</u>

Respectfully,

Samuel St. John
Acting Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on hand at close of business,

October 31, 1921.

Fine ozs.

Gold

Refined	4,251.224
Peruvian Ingots	15,044.390
Coin bars	23,214.655
Unrefined	<u>1,222,043.855</u>
Total	<u>1,264,554.124</u>

Silver

Refined Deposits	7,782,928.80
U.S. Coin bars	5,835.36
Mexican Coin bars	3,081.53
Silver Dollar Ingots	809,732.27
Silver Clippings, etc.	62,898.93
Unrefined	<u>1,615,000.31</u>
Total	<u>10,079,477.20</u>

Minor Coinage Metals

Troy ozs.

Copper	2,201,703.73
Nickel	392,900.76
Uncurrent Nickel coin	37,345.91
" Bronze "	2,319.00
Zinc	50,649.47
Tin	<u>33,766.32</u>
Total	<u>2,718,685.19</u>

Respectfully,



Supt. M. & R. Dept.

Nov. 4, 1921.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Efficiency Report, M. & R. Dept., October, 1921.

Baskind	95
Bardis	95
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	95
Whitaker	100

Respectfully,

Joel W. Milson

Supt. M. & R. Dept.

Nov. 7, 1921.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

November 7, 1921.

Hon. R. J. Grant,
Superintendent, U. S. Mint,
Denver.

Sir:

Following is a table showing the number of Baltimore bars supposed to have been water-cooled, in stock in the Mint on November 1, 1921:

Bars of Fiscal year, 1921:

Dep. No.	Assay No.	No. of bars
292	2099	144
306	2172	24
342	2333	30
"	2334	11
380	2533	19
383	2541	<u>61</u>
'21 Total		289

Bars of Fiscal year, 1922:

14	87	26
35	181	30
45	213	22
54	259	90
55	261	70
61	263	68
62	295	30
95	441	53
101	452	67
103	481	91
107	494	74
110	506	<u>52</u>
'22 Total		<u>673</u>

Grand Total

962

Respectfully submitted,

Joseph Milne
Supt. M. & R. Dept.

List of Temporary men in the M. & R. Department on November 14th, 1921.

Make-up

1 Argall
1 Karpen
1 Saye
1 Wilkinson
1 Winbourn

Melters

1 Annis C.S.
2 Brito
1 Caldwell
2 Carlisle
1 Daley C.S.
1 Eggert C.S.
2 Huffaker C.S.
1 Horne
1 Koebel C.S.
2 Keenon C.S.
1 McCutcheon
1 O'Connor
2 McAllister
1 Russell C.S.
2 Stewart
1 Sherrill C.S.
1 Westervelt

Helpers

1 Batchelor
2 Barnholt
1 Cox C.S.
1 Crawshaw
2 Crowell
3 Compton
2 Danford
3 Dudley
1 Froom
3 Fleming
1 Hollinger
1 Hoskins C.S.
3 Halbert
2 Hutton
3 Herring
1 Hayes C.S.
2 Johanson
1 Moffett
2 McDoland
1 Parker

Helpers

2 Phelps
3 Page
1 Shearer
1 Speer
3 Smith
2 Sellers
3 Tresside
1 Taylor
2 Williamson
2 Wilson
3 Wilmot
2 Winans
3 Washburn

MELTER AND REFINER'S DEPARTMENT

Statement of Bullion and Metals on hand at close of business

November 30, 1921Fine Ozs.GOLD

Refined	.....	4,251.224
Peruvian Ingots	.....	15,044.390
Coin Bars	.....	23,214.655
Unrefined	.....	1,252,929.365
Total:	.....	1,295,439.634

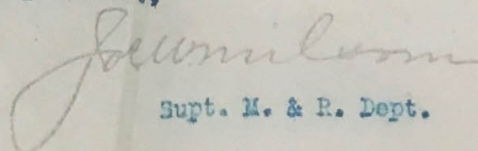
SILVER

Refined Deposits	.....	6,352,071.20
Mexican Coin Bars	.....	3,081.53
U.S. Coin Bars	.....	5,835.36
Silver Dollar Ingots	.....	167,243.05
Silver Clippings, etc.	.....	60,936.75
Unrefined	.....	1,733,914.99
Total:	.....	8,322,182.88

Minor Coinage Metals.....Troy Ozs.

Copper	.....	1,736,764.68
Nickel	.....	392,900.76
Tin	.....	33,766.32
Zinc	.....	50,649.47
Uncurrent Nickel Coin	.....	46,351.29
" Bronze "	.....	3,889.08
Total:	.....	2,264,321.60

Respectfully,



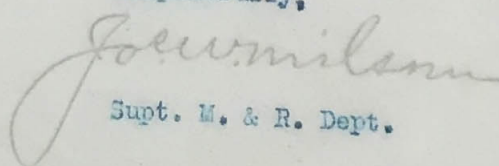
Dec. 3, 1921.

Supt. M. & R. Dept.

MELTER AND REFINER'S DEPARTMENTEFFICIENCY REPORT, M. & R. DEPT., NOVEMBER, 1921

Baskind	95
Dardis	95
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	95
Whitaker	100

Respectfully,



Supt. M. & R. Dept.

December 9, 1921

ESS

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion and Metals on Hand at close of Business, December 31,
1921.

Gold

Refined
Peruvian Ingots
Coin Bars
Unrefined

Total

Fine ounces

4,251.224
15,044.390
28,002.978
1,286,145.884
1,333,444.476

Silver

Refined Deposits
U.S. Coin bars
Mexican "
Dollar Ingots
Clippings, etc.
Unrefined

Total

5,108,043.16
5,835.36
3,081.53
238,944.88
53,854.74
1,858,389.89
7,266,149.56

Minor Coinage Metals

Copper
Nickel
Zinc
Tin
Uncurrent Nickel coin
" Bronze "

Total

Troy ounces

1,495,317.03
392,900.78
50,649.47
33,766.32
46,351.29
3,889.08
2,022,873.95

Respectfully,

Joseph W. Wilson
Supt. M & R. Dept.

Jan. 5, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, December, 1921.

Baskind	95
Dardis	95
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	95
Whitaker	100

Respectfully,

Joseph Wilson
Supt. M. & R. Dept.

January 5, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on hand at close of business,
January 31, 1922.

Gold	Fine ozs.
Refined	4,251.224
Peruvian Ingots	15,044.390
Coin bars	31,646.407
Unrefined	<u>1,317,868.662</u>
Total	<u>1,368,830.683</u>

Silver	
Refined Deposits	5,097,630.65
U.S. Coin bars	5,835.36
Mexican Coin bars	10,894.76
Clippings, etc.	49,714.74
Uncurrent coin	26,718.30
Unrefined	<u>1,954,631.02</u>
Total	<u>7,145,424.83</u>

Minor Coinage Metals	Troy ozs.
Copper	1,243,235.11
Nickel	406,210.54
Zinc	45,791.21
Tin	<u>30,527.48</u>
Total	<u>1,725,764.34</u>

Respectfully,

Joe C. Milson

Supt. M. & R. Dept.

Feb. 1, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, January, 1922.

Baskind	95
Dardis	95
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	95
Whitaker	100

Respectfully,

Joe Wilson

Supt. M. & R. Dept.

February 1, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion and Metals on hand at close of business,
February 28, 1922.

Fine ozs.

Gold

Refined	4,251.224
Peruvian Ingots	15,044.390
Coin bars	36,821.784
Unrefined	<u>1,345,089.998</u>
Total	<u>1,401,207.396</u>

Silver

Refined Deposits	5,071,782.75
U.S. Coin bars	5,635.36
Mexican coin bars	10,894.76
Clippings, etc.	27,557.20
S.S. Dollar Ingots	30,415.14
Uncurrent Sub. Coin	33,003.97
Unrefined	<u>1,999,381.55</u>
Total	<u>7,178,870.73</u>

Minor Coinage Metals

	Troy ozs.
Copper	1,214,117.99
Nickel	408,730.15
Zinc	44,817.75
Tin	<u>29,878.52</u>
Total	<u>1,695,594.41</u>

Respectfully,

Joseph M. Wilson

Supt. M. & R. Dept.

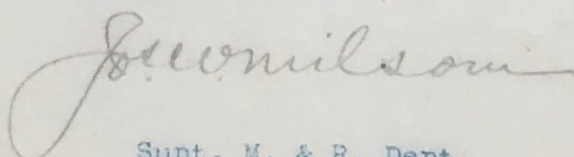
March 2, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, February, 1922.

Baskind	95
Dardis	95
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	95
Whitaker	100

Respectfully,



Supt. M. & R. Dept.

March 2, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metal on Hand at Close of Business,
March 31, 1922.

Fine ozs.

Gold

Refined	4,251.224
Peruvian Ingots	15,044.590
Coin bars	39,953.147
Unrefined	<u>1,367,563.792</u>
Total	<u>1,426,832.553</u>

Silver

Purchase Silver (Pittman)	4,586,888.75
U.S. Coin bars	5,835.36
Mexican Coin bars	3,081.53
Ingots (S.S. Dollar)	82,736.19
Clippings, etc.	11,694.91
Unrefined	<u>2,099,400.63</u>
Total	<u>6,791,637.37</u>

Troy ozs.

Minor Coinage Metals

Copper	1,213,299.33
Nickel	409,264.10
Zinc	44,556.58
Tin	<u>29,704.40</u>
Total	<u>1,696,824.41</u>

Respectfully,

J. C. Wilson
Supt. M. & R. Dept.

April 1, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, March, 1922.

Baskind	95
Dardis	95
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	95
Whitaker	100
Borstadt	100

Respectfully,

James Wilson
Supt. M. & R. Dept.

April 1, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on Hand at Close of Business, April 29, 1922

	Fine ounces
Gold	
Refined	4,251.224
Peruvian Ingots	15,044.390
Coin bars	40,898.355
Unrefined	<u>1,392,509.730</u>
Total	<u>1,452,703.699</u>
Silver	
Purchase bars	3,984,026.75
U.S. Coin bars	3,081.53
Mexican coin bars	5,835.36
Clippings, etc.	10,564.20
Std. Silver Dollar Ingots	89,885.86
Unrefined	<u>2,179,955.48</u>
Total	<u>6,273,149.18</u>
Minor Coinage Metals	
Copper	1,213,299.33
Nickel	409,264.10
Zinc	44,555.58
Tin	<u>29,704.40</u>
Total	<u>1,696,824.41</u>

Respectfully,

J. C. Wilson
Supt. M. & R. Dept.

May 2, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, April, 1922

Baskind	95
Dardis	95
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	95
Whitaker	100
Borstadt	100

Respectfully,

John W. Wilson
Supt. M. & R. Dept.

May 2, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion and Metals on hand at close of business,
May 31, 1922.

Fine ozs.

Gold

Refined	4,251.224
Peruvian Ingots	15,044.390
Coin bars	44,003.767
Unrefined	<u>1,425,997.009</u>
Total	<u>1,489,296.390</u>

Silver

Refined Deposits	3,227,020.00
U.S. Coin bars	5,835.36
Mexican coin bars	3,081.53
Clippings, etc.	7,339.00
Ingots (Std. S. Dollar)	104,877.90
Unrefined	<u>2,346,529.35</u>
Total	<u>5,694,683.14</u>

Troy ozs.

Minor Coinage Metals

Copper	1,213,299.33
Nickel	409,264.10
Zinc	44,556.58
Tin	<u>29,704.40</u>
Total	<u>1,696,824.41</u>

Respectfully,

Joe Milson
Supt. M. & R. Dept.

June 1, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, May, 1922.

Baskind	95
Borstad	100
Dardis	95
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	95
Whitaker	100

Respectfully,

Joseph Milson
Supt. M. & R. Dept.

June 1. 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion and Metals on Hand at close of Business, June 30, 1922

Fine ozs.

<u>Gold</u>	
Refined	23,549.474
Peruvian Ingots	15,044.390
Coin bars	43,369.971
Unrefined	<u>1,437,494.941</u>
Total	<u>1,519,458.776</u>

<u>Silver</u>	
Refined Deposits	2,852,252.39
U.S. Coin bars	5,835.36
Mexican " "	3,081.53
Unrefined	<u>2,338,659.25</u>
Total	<u>5,199,828.53</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	957,664.74
Nickel	409,264.10
Zinc	44,556.06
Tin	<u>29,690.71</u>
Total	<u>1,441,155.61</u>

Respectfully,

Joe W. Milson
Supt. M. & R. Dept.

June 30, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, June, 1922.

Baskind	95
Borstadt	100
Dardis	95
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	95
Whitaker	100

Respectfully,

Joe Wilson

Supt. M. & R. Dept.

June 30, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Distribution of Salaries and Wages -- M. & R. Expense, Fiscal Year, 1922

Office	\$7,659.95
Make-up Room	4,040.11
Ingot Room	<u>33,321.62</u>
Total	\$45,021.68

Respectfully,

Joe Wilson
Superintendent M. & R. Dept.

July 6, 1922.

The Superintendent of the Melting & Refining Department of the Denver Mint received, operated upon, and returned Gold and Silver Bullion, and Minor Coinage Metals, during the Fiscal Year, 1922, as follows:

	Gold Account Fine ozs.	Silver Account Fine ozs.	Nickel Account Troy ozs.	Bronze Account Troy ozs.
RECEIPTS				
Settlement, June 30th, 1921	1,146,527.145	7,268,847.23	1,571,603.02	1,688,315.86
Deposits	365,636.932	301,184.68		
Clippings		10,097,879.29		263,935.70
Condemned Coin & Blanks		1,283,078.90		7,666.70
Treasury Purchases		12,811,747.41		
Uncurrent Coin	7,246.400	173,128.60	65,453.40	6,979.98
Certificate Bars	2,643.645			
Proof Metal	50.000	100.00		
Coiner's 1921 Settlement Bullion	5.143	3,075.47		
Coiner's Bars		708.79		
Coiner's Shavings		49,168.54		
Coiner's Sweeps		485.34		
Superintendent's Sweeps Bars	10.166	44.02		
Surplus	46.844	3,001.		
Totals	1,522,166.275	31,992.4	1,637,056.42	1,966,898.24
RETURNS				
Under Seal, Vault G	808,848.700	379,331.18		
Under Seal, Vault L	337,642.751	847,780.93		
Ingots -- Silver Dollar		26,789,330.28		478,827.10
Unparted Bars	336,878.697	1,089.		
Fine Bars		2,852,252.39		
Merchant Bars	2,643.645			
Assayer's Bars, etc.	55.891	2,119.40		
Mass Melts	28,840.885	19,238.44		
M. & R. Experimentals	7,177.842	7,787.25		
Scrap and Coiner's Bars	7.948	369.65		
Proof Metal, etc.	36.170	226.44		
Sweeps	35.746	4,713.93		
Ingot Copper			181,954.67	775,181.02
Tin				29,679.57
Zinc				44,519.35
Nickel				556.90
Scrap			1,045,837.65	637,449.90
Alloy Copper to Silver Dollar Ingots				684.40
Wastage				
Totals	1,522,166.275	31,992.4	1,637,056.42	1,966,898.24

Approved: [Signature]
Supt. of Institution.

Respectfully submitted, June 30, 1922,

Supt. M. & R. Dept.

248

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion and Metals on hand at close of business, July 31, 1922

	Fine ozs.
<u>Gold</u>	
Refined	25,625.387
Peruvian Ingots	15,044.390
Coin bars	62,486.749
Unrefined	<u>1,460,212.611</u>
Total	<u>1,563,369.137</u>
<u>Silver</u>	
Refined Deposits	2,761,773.79
U.S. Coin bars	5,835.36
Mexican " "	3,081.53
Ingots (Dollar)	63,176.18
Clippings, etc.	26,195.94
Unc. Sub'y Coin	66,271.93
Unrefined	<u>2,428,701.10</u>
Total	<u>5,355,035.83</u>
<u>Minor Coinage Metals</u>	Troy ozs.
Copper	1,021,020.70
Nickel	422,525.25
Zinc	45,280.45
Tin	<u>30,186.97</u>
Total	<u>1,519,013.37</u>

Respectfully,

John Wilson
Supt. M. & R. Dept.

August 3, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, July, 1922.

Baskind	95
Borstadt	100
Dardis	95
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	95
Whitaker	100

Respectfully,

Joel W. Milson

Supt. M. & R. Dept.

August 3, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on Hand at close of business,
August 31, 1922.

	Fine ozs.
Gold	
Refined	27,248.904
Peruvian Ingots	15,044.390
Coin bars	70,323.118
Unrefined	<u>1,486,843.713</u>
Total	<u>1,599,460.123</u>
Silver	
Fine bars, purchased	1,195,906.77
U. S. Coin bars	5,835.36
Mexican " "	3,081.53
Ingots -- Dollar	268,908.93
Clippings, etc.	14,489.82
Unrefined	<u>2,520,721.37</u>
Total	<u>4,008,943.78</u>
Minor Coinage Metals	
	Troy ozs.
Copper	1,021,020.70
Nickel	422,525.25
Zinc	45,280.45
Tin	<u>30,186.97</u>
Total	<u>1,519,013.37</u>

Respectfully,

Joseph Wilson

Supt. M. & R. Dept.

Sept. 5, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, August, 1922.

Baskind	95
Borstadt	100
Bucher	95
Dardis	95
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	95
Whitaker	100

Respectfully,

Joe Wilson

Supt. M. & R. Dept.

Sept. 5, 1922.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on Hand at close of business,

September 30, 1922.

Fine ozs.

Gold

Refined	28,459.027
Peruvian Ingots	15,044.390
Coin Bars	84,712.158
Unrefined	<u>1,510,855.926</u>
Total	<u>1,639,071.501</u>

Silver

Pittman Fine bars	2,099,057.68
Coin bars	8,918.89
Ingots (Dollar)	251,605.98
Clippings, etc.	10,836.50
Unrefined	<u>2,588,890.36</u>
Total	<u>4,959,307.41</u>

Troy ozs.

Minor Coinage Metals

Copper	804,775.54
Nickel	423,365.01
Zinc	45,610.43
Tin	<u>30,406.94</u>
Total	<u>1,304,157.92</u>

Respectfully,

J. M. St. John

for Supt. M. & R. Dept.

October 3, 1922.

028

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on hand at close of business,
October 31, 1922

	Fine ounces
<u>Gold</u>	
Refined	29,273.879
Peruvian Ingots	15,044.390
Coin bars	122,210.430
Unrefined	<u>1,540,612.663</u>
Total	<u>1,707,141.362</u>

<u>Silver</u>	
Pittman Fine Bars	3,849,645.54
U.S. Coin bars	5,835.36
Mexican Coin bars	3,081.53
Ingots (Dollar)	247,844.79
Clippings, etc.	11,906.87
Unrefined	<u>2,660,450.79</u>
Total	<u>6,778,764.86</u>

	Troy ounces
<u>Minor Coinage Metals</u>	
Copper	613,117.08
Nickel	427,243.60
Tin	30,472.78
Zinc	<u>45,709.20</u>
Total	<u>1,116,545.66</u>

Respectfully,

Joseph Wilson
Supt. M. & R. Dept.
8

November 3, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, October, 1922.

Baskind	95
Borstadt	100
Bucher	95
Dardis	95
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	95
Whitaker	100

Respectfully,

Joseph Milson

Supt. M. & R. Dept.

Nov. 3, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion and Metals on Hand at close of business,
November 29, 1922.

Fine ozs.

Gold

Refined	29,849.572
Peruvian Ingots	15,044.390
Coin bars	128,991.153
Unrefined	<u>1,572,082.176</u>
Total	<u>1,745,967.291</u>

Silver

Pittman Act Bars (Fine)	4,730,741.00
U.S. Coin bars	5,835.36
Mexican Coin bars	3,081.53
Ingots (Dollar)	255,462.03
Clippings, etc.	8,510.94
Unrefined	<u>2,772,311.90</u>
Total	<u>7,775,942.76</u>

Troy ozs.

Minor Coinage Metals

Copper	388,066.58
Nickel	427,266.65
Tin	30,472.78
Zinc	<u>45,709.20</u>
Total	<u>891,537.21</u>

Respectfully,

Joseph Wilson
Supt. M. & R. Dept.
D

December 4, 1922.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Efficiency Report, November, 1922.

ZZZZZZZZ

Baskind	95
Borstadt	100
Bucher	95
Dardis	95
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	95
Whitaker	100

Respectfully,

Joseph Wilson
Supt. M. & R. Dept.

December 4, 1922.

428

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on hand at close of business,
December 30, 1922.

<u>Gold</u>	Fine ozs.
Refined	31,429.157
Peruvian Ingots	15,044.390
Coin bars	131,032.957
Unrefined	<u>1,597,015.752</u>
Total	<u>1,774,522.256</u>

<u>Silver</u>	
Pittman Fine bars	3,602,034.00
U.S. Coin bars	5,835.36
Mexican coin bars	3,081.53
Ingots (Dollar)	180,475.29
Clippings, etc.	30,417.21
Unrefined	<u>2,662,791.98</u>
Total	<u>6,884,835.37</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	389,193.97
Nickel	427,442.27
Tin	30,484.96
Zinc	<u>45,727.46</u>
Total	<u>892,848.66</u>

Respectfully,

Joel V. Milson
Supt. M. & R. Dept.

January 3, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, December, 1922.

Baskind	100
Borstadt	100
Dardis	95
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	100
Whitaker	100

Respectfully,

Joseph Wilson
Supt. M. & R. Dept.

January 3, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on hand at close of business,
January 31, 1933.

Gold

	Fine ozs.
Refined	
Peruvian Ingots	33,088.888
Coin Bars	15,044.390
Unrefined	139,401.210
	<u>1,626,847.289</u>
Total	1,814,381.777

Silver

Pittman Fine Bars	1,714,809.00
U.S.Coin bars	5,835.36
Mexican Coin bars	3,081.53
Ingots (S.S.Dollar)	270,736.92
Clippings, etc.	9,638.00
Unrefined	<u>2,933,984.78</u>
Total	4,938,085.59

Minor Coinage Metals

	Troy ozs.
Copper	
Nickel	402,357.88
Tin	431,156.94
Zinc	30,527.48
	<u>45,791.25</u>
Total	909,833.55

Respectfully,

Joe W. Milson
Supt. M. & R. Dept.

February 2, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, January, 1923.

Baskind	100
Berstadt	100
Dardis	95
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	100
Whitaker	100

Respectfully,

Joseph Wilson
Supt. M. & R. Dept.

February 2, 1923.

828

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on Hand at close of business,

February 28, 1923

Fine ozs.

Gold

Refined	35,091.031
Peruvian Ingots	15,044.390
Coin Bars	141,538.527
Unrefined	<u>1,848,802.475</u>
Total	<u>1,840,476.423</u>

Silver

Pittman Fine bars	225,750.00
U.S. Coin bars	5,835.36
Mexican coin bars	3,081.53
Ingots (Dollar)	191,309.76
Clippings, etc.	9,176.28
Unrefined	<u>2,995,363.03</u>
Total	<u>3,430,515.94</u>

Troy ozs.

Minor Coinage Metals

Copper	402,357.88
Nickel	431,156.94
Tin	30,527.48
Zinc	<u>45,791.25</u>
Total	<u>909,833.55</u>

Respectfully,

Jewellson
Supt. M. & R. Dept.

March 2, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Efficiency Report, February, 1923.

Baskind	100
Borstadt	100
Dardis	95
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	100
Whitaker	100

Respectfully,

Joseph Milson
Supt. M. & R. Dept.

March 2, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion and Metals on hand at close of business,

March 31, 1923

Gold

Fine ozs.

Refined	37,006.695
Peruvian Ingots	15,044.390
Coin bars	191,556.419
Unrefined	<u>1,669,764.028</u>
Total	<u>1,913,391.532</u>

Silver

U. S. Coin bars	5,835.36
Mexican " "	3,081.53
Ingots (Dollar)	45,469.89
Clippings, etc.	13,640.19
Unrefined	<u>3,127,901.78</u>
Total	<u>3,195,928.75</u>

Minor Coinage Metals

Copper	402,357.68
Nickel	451,156.94
Tin	30,527.48
Zinc	<u>45,791.25</u>
Total	<u>909,833.55</u>

Respectfully,

Joel W. Milson
Supt. M. & R. Dept.

April 2, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, March, 1923

Baskind	100
Borstadt	100
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	100
Whitaker	100

Respectfully,

John Nilson
Supt. M. & R. Dept.

April 3, 1923.

228

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on hand at close of business,

April 30, 1923

<u>Gold</u>	Fine ozs.
Refined	58,919.916
Peruvian Ingots	15,044.390
Coin bars	123,251.747
Ingots (D.E.)	22,054.932
Clips, etc.	1,552.212
Unrefined	<u>1,697,835.840</u>
Total	<u>1,918,659.037</u>

<u>Silver</u>	
U.S. Coin bars	5,855.36
Mexican " "	3,081.53
Standard bars & clips	7,117.03
Uncurrent Silver coin	8,956.21
Unrefined	<u>3,220,568.07</u>
Total	<u>3,245,558.20</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	402,389.05
Nickel	431,156.94
Tin	30,528.14
Zinc	<u>45,792.23</u>
Total	<u>909,866.36</u>

Respectfully,

Joe W. Wilson
Supt. M. & R. Dept.

May 2, 1923.

THE MINT OF THE UNITED STATES AT DENVER.
MELTER AND REFINER'S DEPARTMENT.

Efficiency Report, April, 1923.

Harry	Baskind	100	Melter	5
Joe J	Donahue	100	"	"
Joe A	Lindhard	100	"	"
Edmund	Ryan	100	Foreman	5
Geo H	Spencer	100	Melter	5
	St. John	100		
Rich C	Waters	100	Sk WK	5
Wm R	Welsh	100	M	5
Am R	Whitaker	100	M	5

Respectfully,

John Wilson
Supt. M. & R. Dept.

May 2, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on hand at close of business, May 31, 1923

	Fine ozs.
<u>Gold</u>	
Refined	116,582.334
Peruvian ingots	15,044.390
Coin bars	17,748.829
Ingots (D.E.)	33,413.769
Clippings, etc.	1,592.433
Unrefined	<u>1,712,976.915</u>
Total	<u>1,897,358.670</u>
 <u>Silver</u>	
Refined	2,500.19
Mexican coin bars	3,081.51
U.S. Standard bars	22,347.61
Unrefined	<u>3,330,239.67</u>
Total	<u>3,356,168.98</u>
 <u>Minor Coinage Metals</u>	
	Troy ozs.
Copper	402,420.77
Nickel	431,160.58
Tin	30,528.57
Zinc	<u>45,792.89</u>
Total	<u>909,902.81</u>

Respectfully,

Joseph M. ...
Supt. M. & R. Dept.

June 2, 1923.

THE MINT OF THE UNITED STATES AT DENVER
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, May, 1923

Baskind	100
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	100
Whitaker	100

Respectfully,

J. W. Wilson
Supt. M. & R. Dept.

June 2, 1923.

888

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of bullion and metals on hand in the M & R. Dept.
at close of business June 30, 1923.

Gold.		Fine Oz.
	Refined	51,577.495
	Peruvian Ings.	15,044.390
	Coin Bars.	41,497.165
	Unrefined.	1,737,987.524
	Total.	1,846,106.574

Silver.		
	Refined.	2,500.19
	Mexican Coin Bars	3,081.51
	U.S. Standard "	22,347.61
	Unrefined	3,374,482.24
	Total.	3,402,411.55

Minor Coinage Metals.

	Copper	402,735.58
	Nickel	431,187.02
	Tin	30,533.53
	Zinc	45,802.32
	Total.	910,258.45

Respectfully submitted June 30, 1923.

Comptroller
Supt. M & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Distribution of Salaries and Wages--

M & R. Expense, Fiscal Year 1923.

Office	\$6,788.66
Make-up Room	2,778.23
Ingot Room	27,441.81
Settlement	866.17
Total.	\$37,852.87

Respectfully,

John M. Wilson
Superintendent M & R. Dept.

July 3, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, June, 1923.

Baskind	100
Donahue	100
Lindhard	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Welsh	100
Whitaker	100

Respectfully,

William C. ...
Superintendent M & R. Dept.

July 3, 1923.

June 30, 1923.

Honorable R. J. Grant,
Superintendent, U. S. Mint,
Denver,
Colorado.

Sir:

The gold surplus of 48.126 ounces of fine gold, as disclosed by my Annual Report of the Melting and Refining Department was, in part, obtained as follows:

Gain on 12 mass melts of 1515 small bars	17.390
Truck and floor sweeps, etc.	7.904
Returned by Assayer in excess of amount charged ...	<u>6.400</u>
Total:	31.494

Respectfully submitted.

Forum

June 30, 1923.

Honorable R. J. Grant,
Superintendent, U. S. Mint,
Denver,
Colorado.

Sir:

The silver surplus of 7, 626.55 fine ounces as disclosed by my Annual Report of the Melting and Refining Department, was obtained as follows:

Gain on 12 mass melts of 1615 small bars	18.33
Truck and floor sweeps, &c.	5.17
Returned by Assayer in excess of amount charged .	388.68
Total:	

The balance of the surplus accrued in the manufacture of 22,694,554.68 fine ounces of silver dollar ingots.

The make-up for silver ingots is at a fineness of 899 which on account of segregation of the metals produces standard coin. This gives an initial gain of one ounce of standard silver per thousand ounces of ingot metal, from which gain is taken whatever amount is necessary to fine up the returned clippings, which, on account of the segregation referred to, are lower in fineness than the ingots.

Respectfully submitted,

J. W. Williams
Superintendent M. & R. Dep't.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion on Hand at Close of Business, July 31, 1923

Gold

Fine ozs.

Refined	45,997.636
Coin Bars	31,451.303
Peruvian Ingots	15,044.390
Unrefined	<u>1,788,863.964</u>
Total	<u>1,881,357.293</u>

Silver

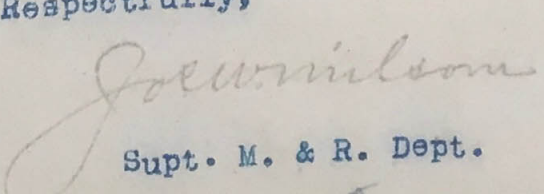
Refined	2,500.19
Mexican Coin bars	3,081.51
U.S. Std. bars	22,347.61
Unrefined	<u>3,648,930.55</u>
Total	<u>3,676,859.86</u>

Troy ozs.

Minor Coinage Metals

Copper	402,749.43
Nickel	431,187.02
Tin	30,533.82
Zinc	<u>45,800.76</u>
Total	<u>910,271.03</u>

Respectfully,



Supt. M. & R. Dept.

August 1, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion and Metals on hand at close of business, July 31, 1923.

Gold

Fine ozs.

Refined	45,997.636
Coin bars	58,763.764
Peruvian Ingots	15,044.390
Unrefined	<u>1,761,551.503</u>
Total	<u>1,881,357.293</u>

Silver

Refined	202,500.19
Mexican coin bars	3,081.51
U. S. Std. Bars	22,347.61
Unrefined	<u>3,648,930.55</u>
Total	<u>3,876,859.86</u>

Minor Coinage Metals

Troy ozs.

Copper	402,749.43
Nickel	431,187.02
Tin	30,533.82
Zinc	<u>45,800.78</u>
Total	<u>910,271.03</u>

Respectfully,

Joachim

Supt. M. & R. Dept.

AUG. 1, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

MEMORANDUM RECEIPT

August 6, 1923.

RECEIVED of Cashier, U. S. Mint, Denver, Colo., Light Weight
and Uncurrent Coin, as follows:

Lt. Wt. Gold Coin, Trans. value, \$298,719.30; Std. ozs., 15,948.86	
Unb. " "	Face " 107,370.00 " " 5,742.35
" Silver "	" " 65,021.25 " " 47,518.90
" Nickel "	" " 16,450.80 Troy " 49,202.60
" Bronze "	" " 558.22 " " 5,381.60

Above weights subject to deductions for melting losses.

William
Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT.

Bullion and Metals on hand at close of business, August 31, 1923

Gold

Fine ozs.

Refined	92,179.537
Coin bars	17,748.822
Peruvian Ingots	15,044.390
D.E. Ingots	28,482.300
Tops, etc.	961.985
Unrefined	1,810,935.430

Total

1,965,352.451

Silver

Refined	201,382.35
Mexican coin bars	3,081.51
U.S. Std. bars	22,347.61
Unrefined	3,515,391.13

Total

3,742,202.60

Minor Coinage Metals

Troy ozs.

Copper	318,897.53
Nickel	402,569.72
Tin	30,533.82
Zinc	45,800.76

Total

795,801.83

Respectfully,

Joseph Wilson

Supt. M. & R. Dept.

Aug. 31, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, August, 1923

Baskind	100
Ryan	100
Spencer	100
St. John	100
Waters	100
Walsh	100
Whitaker	100

Respectfully,

J. C. Wilson

Superintendent M. & R. Dept.

August 31, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,
Efficiency Report, September, 1923.

Arnold	95
Baskind	100
Borstadt	95
Dardis	90
Hayes	85
Henahen	85
Hume	85
Koebel	85
Lindhard	100
Malmstrom	95
McClung	90
Monahan	85
Peirce	95
Ryan	100
Spencer	100
St. John	100
Stoddard	95
St. Peters	85
Waters	100
Welsh	100
Whitaker	100
Wilcox	85

Respectfully,

John Milson
Supt. M. & R. Dept.

Oct. 2, 1923.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Bullion and Metals on Hand at close of business, September 29, 1923.

Gold

Fine ozs.

Refined	157,232.235
Coin bars	17,471.007
Ingots (D.E.), etc.	34,530.768
Unrefined	<u>1,810,576.630</u>
Total	<u>2,019,810.640</u>

Silver

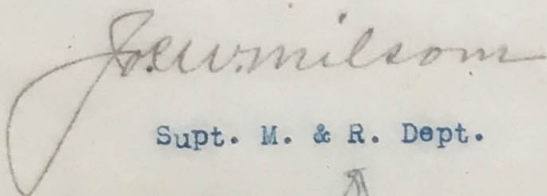
U.S.Std. bars	22,192.27
Mexican coin bars	3,081.51
Purchase Bars (fine)	152,783.38
Mint Fine "	58,854.66
Unrefined	<u>3,557,940.85</u>
Total	<u>3,794,852.67</u>

Troy ozs.

Minor Coinage Metals

Copper	295,497.42
Nickel	393,713.09
Zinc	45,964.01
Tin	<u>30,642.66</u>
Total	<u>765,817.18</u>

Respectfully,



Supt. M. & R. Dept.

Oct. 2, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Efficiency Report, October, 1923

Arnold	100
Baskind	100
Borstadt	100
Dardis	95
Hayes	90
Kenahen	90
Hume	90
Koebel	90
Lindhard	100
Malmstrom	100
McClung	90
Moranhan	90
Peirce	100
Ryan	100
Spencer	100
St. John	100
Stoddard	100
St. Peter	90
Waters	100
Welsh	100
Whitaker	100
Wilcox	90

Respectfully,

J. C. Williams
Supt. M. & R. Dept.

Nov. 1, 1923.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on hand at close of business, Oct. 31, 1923

	Fine ozs.
<u>Gold</u>	
Refined	90,529.051
Coin bars	18,192.552
Ingots (D.E.)	51,379.578
Tops, etc.	987.095
Unrefined	<u>1,719,664.219</u>
Total	<u>1,880,732.495</u>

<u>Silver</u>	
Mexican Coin bars	3,081.51
U.S. " "	22,192.27
Purchase bars	152,783.38
M.F. Bars	157,097.03
Unrefined	<u>3,527,771.71</u>
Total	<u>3,862,925.90</u>

Troy ozs.

Minor Coinage Metals

Copper	295,497.42
Nickel	393,713.09
Zinc	45,964.01
Tin	<u>30,642.66</u>
Total	<u>765,817.18</u>

Respectfully,

Joseph M. Wilson
Supt. M. & R. Dept.

November 1, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion and Metals on Hand at close of business, November 10, 1923.

<u>Gold</u>	Fine ozs.
Refined	144,722.406
Coin bars	18,192.552
Ingots (D.E.)	11,433.687
Tops, etc.	477.225
Unrefined	<u>1,696,359.848</u>
Total	<u>1,871,185.718</u>

<u>Silver</u>	
U.S. Standard bars	22,192.27
Mexican coin "	3,081.51
Refined Deposits (Purchase)	152,783.38
Mint Fine bars	201,041.59
Unrefined	<u>3,486,352.87</u>
Total	<u>3,865,451.62</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	295,497.42
Nickel	393,713.09
Zinc	45,964.01
Tin	<u>30,842.66</u>
Total	<u>765,817.18</u>

Respectfully,

Foramin
Supt. M. & R. Dept.

November 28, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Bullion and Metals on Hand at close of Business, November 30, 1923

Fine ozs.

Gold

Refined	137,694.371
Coin bars	19,393.250
Ingots (D.E.)	16,977.870
Tops, etc.	922.025
Unrefined	<u>1,615,311.326</u>
Total	<u>1,790,305.842</u>

Silver

Std. U.S. Bars	22,192.27
" Mex. "	3,081.51
Fine Dep. (Purchase)	152,733.38
M.F. Silver bars	286,398.47
Unrefined	<u>3,485,611.10</u>
Total	<u>3,950,066.73</u>

Troy ozs.

Minor Coinage Metals

Copper	295,497.42
Nickel	323,713.09
Zinc	45,964.01
Tin	<u>30,642.66</u>
Total	<u>765,817.18</u>

Respectfully,

John Milson
Supt. M. & R. Dept.

December 1, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Efficiency Report, November, 1923

Arnold	100
Baskind	100
Borstadt	100
Bush	100
Dardis	95
Hayes	90 +
Henahan	90 +
Hume	90 - <i>cut</i>
Koebel	90
Lindhard	95
Malmstrom	100
McClung	90 +
Monahan	90 +
Peirce	100 -
Ryan	95 +
Spencer	100
St. John	100
Stoddard	100
St. Peter	90 +
Waters	100
Welsh	100
Whitaker	100
Wilcox	90 +

Respectfully, -----

J. C. Milson
Supt. M. & R. Dept.

Dec. 1, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion and Metals on Hand at Close of Business, November 10, 1923.

<u>Gold</u>	Fine ozs.
Refined	144,722.406
Coin Bars	18,192.552
Ingots (D.E.)	11,433.687
Tops, etc.	477.225
Unrefined	<u>1,696,359.848</u>
Total	<u>1,871,185.718</u>

<u>Silver</u>	
Commercial Bars	19,656.06
U.S. Standard bars	22,192.27
Mexican coin "	3,081.51
Refined Deposits (Purchase)	152,783.38
Mint Fine bars	201,041.59
Unrefined	<u>3,486,352.87</u>
Total	<u>3,885,107.68</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	295,497.42
Nickel	393,713.02
Zinc	45,964.01
Tin	<u>30,642.66</u>
Total	<u>765,817.18</u>

Respectfully,

John W. Milson

Supt. M. & R. Dept.

November 28, 1923.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

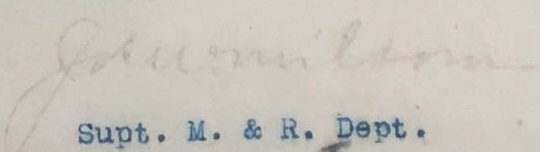
Bullion and Metals on Hand at Close of Business, November 30, 1923.

<u>Gold</u>	Fine ozs.
Refined	137,694.371
Coin bars	19,393.250
Ingots (D.E.)	16,977.870
Tops, etc.	929.025
Unrefined	<u>1,615,311.326</u>
Total	<u>1,790,305.842</u>

<u>Silver</u>	
Commercial Bars	19,580.05
Std. U.S. Bars	22,192.27
" Mex. "	3,081.51
Unc. U. S. Coin	40,923.31
Fine Dep. (Purchase)	152,783.38
Mint Fine Bars	286,398.47
Unrefined	<u>3,444,687.79</u>
Total	<u>3,969,646.78</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	295,497.42
Nickel	393,713.09
Zinc	45,964.01
Tin	<u>30,642.66</u>
Total	<u>765,817.18</u>

Respectfully,



Supt. M. & R. Dept.

December 1, 1923.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

December 20, 1923.

Statement of Balances in Minor Coinage Metals charged to M. & R. Dept.

<u>Nickel Account</u>	Troy Ozs.
Nickel	135,301.67
Copper	<u>393,713.09</u>
Total	<u>529,014.76</u>
<u>Bronze Account</u>	
Copper	160,195.75
Zinc	45,964.01
Tin	<u>30,642.66</u>
Total	<u>236,802.42</u>
Total, Both accounts	<u><u>765,817.18</u></u>

Respectfully,

Joseph M. ...
Supt. M. & R. Dept.

The Superintendent of the Melting and Refining Department of the Denver Mint received, operated upon, and returned Gold and Silver bullion and Minor Coinage metals, during the time commencing July 1st, and ending December 1st, 1923, inclusive, and transfers to and from the Coiner between Dec. 1st and 11th, which were included in the Settlement with the Commission, and fully set forth at the bottom of this statement, as follows:

RECEIPTS	Gold Account Fine ozs.	Silver Account Fine ozs.	Nickel Account Troy ozs.	Bronze Account Troy ozs.
Settlement, June 30, 1923	1,846,148.191	3,410,038.10	678,910.45	231,346.00
Deposits	138,633.470	499,862.07		
Clippings	428,365.791			
Condemned Coin	8,548.670			
" Blanks	28,038.033			
Uncurrent & Mutilated Coin	35,445.661	83,647.57	49,240.83	5,456.42
Certificate Bars	804,404.247			
Coiner's Bars	3,574.050			
Superintendent's Sweeps bars	4.018	6.50		
Commercial Bars		19,656.06		
Proof Metals	50.000	100.00		
Ingots			6,554.30	
Surplus		512.59		
Totals	3,291,212.331	4,013,822.89	734,705.58	236,802.42
RETURNS				
Under Seal, Vault "L"	337,642.751	847,780.93		
Ingots	1,601,453.259	42,466.68	205,690.82	
Unparted Bars	1,288,936.495	2,609,358.33		
Merchant Bars		20,776.86		
Certificate Bars	18,745.469			
Fine Bars	44,082.728	450,036.77		
Uncurrent coin		40,923.31		
Proof Metal, etc.	37.122	1,303.89		
Sweeps	280.098	1,176.12		
Wastage	34.409			
Ingot Copper			135,301.67	160,195.75
Nickel			393,713.09	
Tin				30,642.66
Zinc				45,964.01
Totals	3,291,212.331	4,013,822.89	734,705.58	236,802.42

The Commission's Settlement, as above detailed, includes the following transactions, subsequent to December 1st, viz:

(Receipts: Gold Ingot Clippings,	14,034.492
(Con'd Blanks,	864.693
(Coin	92.853
(Coiner's bars,	3,574.050
(Deliveries: D.E. Ingots	18,566.068
	119,112.858

Dec. 26, 1923.

Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on hand at close of business, Dec. 31,

	Fine ozs.
<u>Gold</u>	
Refined	78,629.729
Coin bars	26,961.175
D.E. Ingots	28,944.360
Tops, clips, etc.	2,766.636
Unrefined	<u>1,588,961.283</u>
Total	<u>1,726,263.183</u>
<u>Silver</u>	
Coin and standard bars	26,287.50
Purchase fine bars	152,733.49
Mint fine bars	297,303.28
Commercial fine bars	15,880.00
Unrefined	<u>3,524,883.57</u>
Total	<u>4,017,087.84</u>
<u>Minor Coinage Metals</u>	
	Troy ozs.
Copper	295,497.42
Nickel	393,713.09
Tin	30,642.66
Zinc	<u>45,964.01</u>
Total	<u>765,817.18</u>

Respectfully,

John Milson
Supt. M. & R. Dept.

Jan. 2, 1924.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, December, 1923

Arnold	100
Baskind	100
Borstadt	100
Bush	100
Dardis	95
Hayes	95
Henahan	95
Koebel	90 85
Lindhard	95
Malmstrom	100
McClung	95
Monahan	95
Peirce	95 90
Ryan	100
Spencer	100
St. John	100
Stoddard	100
St. Peters	95
Waters	100
Welsh	100
Whitaker	100
Wilcox	95

Respectfully,

Jan. 2, 1924.

J. C. Williams
Supt. M. & R. Dept.

028

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Bullion and Metals on Hand at close of business, January 31, 1924.

Fine ozs.

Gold

Refined	73,918.420
Coin bars	18,382.090
D. E. Ingots	33,957.225
Tops, etc.	380.378
Unrefined	<u>1,495,908.755</u>
Total	<u>1,623,124.868</u>

Silver

Coin and standard bars	58,387.60
Purchase fine bars	152,733.49
Mint fine bars	459,014.49
Dime Ingots	3,589.25
Tops, etc.	180.14
Unrefined	<u>3,388,621.22</u>
Total	<u>4,060,526.19</u>

Minor Coinage Metals

Troy ozs.

Copper	316,827.80
Nickel	400,713.26
Tin	30,645.40
Zinc	<u>45,968.11</u>
Total	<u>793,954.57</u>

Respectfully,

John Milcom
Supt. M. & R. Dept.

Feb. 1, 1924.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, January, 1924.

Arnold	100
Baskind	100
Borstadt	100
Bush	100
Dardis	95
Hayes	95
Henahan	95
Hume	95
Koebel	95
Lindhard	95
Malmstrom	100
McClung	95
Monahan	95
Peirce	90
Spencer	100
St. John	100
Stoddard	100
St. Peters	95
Waters	100
Welsh	100
Whitaker	100
Wilcox	95

Respectfully,

J. C. Milson

Supt. M. & R. Dept.

Feb. 1, 1924.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT.

Bullion and Metals on Hand at close of business, February 29, 1924.

Gold

Fine ozs.

Refined	78,676.924
Coin bars	17,471.007
D. E. Ingots	46,570.185
Tops, etc.	287.010
Unrefined	<u>1,401,610.630</u>
Total	<u>1,544,615.756</u>

Silver

Coin bars & standard bars	25,987.60
Purchase fine bars	152,733.49
Mint fine bars	590,503.79
Unrefined	<u>3,296,245.72</u>
Total	<u>4,065,470.60</u>

Troy ozs.

Minor Coinage Metals

Copper	334,539.39
Nickel	406,676.14
Tin	30,645.95
Zinc	<u>45,966.93</u>
Total	<u>817,829.41</u>

Respectfully,

Joe W. Milson

Joe W. Milson,
Supt. M. & R. Dept.

March 1, 1924.

THE MINT OF THE UNITED STATES AT DENVER,
 MELTER AND REFINER'S DEPARTMENT,
 Efficiency Report, February, 1924

Arnold	100
Baskind	100
Borstadt	100
Bush	100
Dardis	95
Hayes	95
Henahan	95
Hume	95
Kennon	90 - 95
Koebel	85
Lindhard	95
Malmstrom	100
McClung	95
Monahan	95
Peirce	90
Spencer	100
St. John	100
Stoddard	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	95

Respectfully,

Joseph W. Milsom
 Joseph W. Milsom, Supt. M. & R. Dept.

March 1, 1924

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Bullion and Metals on hand at close of business, March 31, 1924.

Gold

	Fine ozs.
Refined	147,462.746
Coin bars	20,809.611
Ingots (D.E.)	44,582.355
Tops, etc.	241.580
Unrefined	<u>1,294,773.407</u>
Total	<u>1,507,869.679</u>

Silver

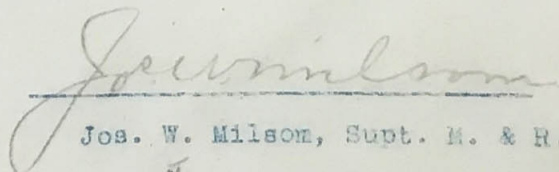
Coin & standard bars	25,987.80
Refined Deposits (Purch.)	152,733.49
Mint Fine Bars	716,466.87
Unrefined	<u>3,219,903.89</u>
Total	<u>4,115,091.85</u>

Troy ozs.

Minor Coinage Metals

Copper	349,485.93
Nickel	411,639.14
Tin	30,647.10
Zinc	<u>45,970.65</u>
Total	<u>837,742.82</u>

Respectfully,



Jos. W. Milson, Supt. M. & R. Dept.

April 1, 1924.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, March, 1924.

Arnold	100
Bazkind	100
Borstadt	100
Bush	100
Dardis	95
Hayes	95
Henahan	95
Hume	95
Kennon	95
Koebel	85
Lindhard	95
Malmstrom	100
McClung	95
Monahan	95
Peirce	90
Spencer	100
St. John	100
Stoddard	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	95

Respectfully,

Joe W. Milsom

Joe W. Milsom, Supt. M. & R. Dept.

April 1, 1924.

2083

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion and Metals on Hand at close of business, April 30, 1924.

<u>Gold</u>	Fine ozs.
Refined	185,507.478
Coin bars	23,137.254
Ingots (D.E.)	68,284.530
Tops, etc.	240.030
Unrefined	<u>1,183,976.898</u>
Total	<u>1,461,046.190</u>

<u>Silver</u>	
Coin & standard bars	41,800.40
Refined Deposits (Purch.)	152,733.49
Mint Fine Bars	862,334.47
Unrefined	<u>3,131,051.18</u>
Total	<u>4,187,919.54</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	317,715.49
Nickel	401,049.00
Tin	30,647.10
Zinc	<u>45,970.65</u>
Total	<u>795,382.24</u>

Respectfully,

Jos. W. Milsom
Jos. W. Milsom, Supt. M. & R^{opt}.

May 1, 1924.

THE MINT OF THE UNITED STATES AT DENVER,
 MELTER AND REFINER'S DEPARTMENT,
 Efficiency Report, April, 1924.

Arnold	100
Baskind	100
Borstadt	100
Bush	100
Dardis	95
Eggert	90 95
Hayes	95
Henahan	95
Hume	95
Kennoh	95
Koebel	85
Lindhard	95
Malmstrom	100
McClung	95
Peirce	95
Spencer	100
St. John	100
Stoddard	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	95

Respectfully,

Jos. W. Milsom
 Jos. W. Milsom, Supt. M. & R. Dept.

May 1, 1924.

8es

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion and Metals on Hand at close of business, May 31, 1924.

<u>Gold</u>	Fine ozs.
Refined	94,987.672
Coin bars	21,215.486
Ingots (D.E.)	56,822.080
Tops	326.025
Unrefined	<u>1,096,020.143</u>
Total	<u>1,259,171.386</u>

<u>Silver</u>	
Coin & Standard bars	41,800.40
Refined Dep. (Purchase)	152,733.49
Mint Fine bars	947,704.40
Unrefined	<u>3,117,448.51</u>
Total	<u>4,259,686.80</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	333,163.53
Nickel	406,198.35
Tin	30,647.10
Zinc	<u>45,970.65</u>
Total	<u>815,979.63</u>

Respectfully,

Jos. W. Milson

Jos. W. Milson, Supt. M. & R. Dept.

June 3, 1924.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, May, 1924

Arnold	100
Baskind	100
Borstadt	100
Bush	100
Dardis	95
Eggert	95
Hayes	95
Henahan	95
Hume	95
Kennon	95
Lindhard	95
Malmstrom	100
McClung	95
Peirce	95
Spencer	100
St. John	100
Stoddard	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	95

Respectfully,

Jos. W. Millsom, Supt. M. & R. Dept.

June 3, 1924.

The Superintendent of the Melting and Refining Department of the Denver Mint, received, operated upon, and returned Gold and Silver bullion and Minor Coinage Metals, during the period commencing December 3, 1923, and ending June 30, 1924, as follows:

RECEIPTS:

	Gold Account		Silver Account		Nickel Account		Bronze Account	
	Fine ozs.		Fine ozs.		Troy ozs.		Troy ozs.	
Settlement, Dec. 1, 1923	1,789,991.335		3,968,983.25		529,014.76		236,802.42	
Deposits	302,858.811		406,567.19					
Re-Deposits	81,152.560							
Clippings	913,718.671		16,424.74		306,014.50			
Condemned Coin	10,139.995		528.62		2,976.50			
Blanks	67,656.231							
Uncurrent & Light Weight Coin	8,611.369		53,544.95		110.28		221.45	
Certificate bars	1,649,201.021							
Ingot's								
Coiner's bars	10,804.858		34.61		7,103.22			
Superintendent's Sweeps bars	17.012		19.09					
Proof metals	50.000							
Coiner's Sweeps	21.328		34.07					
Surplus								
Totals	4,774,274.030	60.819	4,446,967.82	831.11	845,219.06		237,023.87	

RETURNS:

Certificate bars	120,929.825		125,363.09		274,255.10	
Ingot's	3,451,965.273		3,206,147.81			
Unparted bars	1,194,007.973		1,110,622.14			
Pine bars			2,144.86			
Merchant bars	6,555.533		765.85			
Proof metal, etc.	164.071		1,904.88			
Sweeps	641.355					
Ingot copper					165,404.86	160,406.12
Nickel					403,747.50	
Tin						30,647.10
Zinc						45,970.65
Wasteage						
Totals	4,774,274.030		4,446,967.82		1,811.60	237,023.87

Respectfully submitted, June 30, 1924.

Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Bullion and Metals on hand at close of business, June 30, 1924

Gold

	Fine ozs.
Refined	129,589.025
Coin bars	59,389.757
Ingots (D.E.)	84,539.025
Unrefined	1,126,713.623
Total	1,400,231.430

Silver

Standard bars	25,181.90
Purchase bars, fine	152,733.49
Mint fine bars	957,888.65
Unrefined	3,182,805.53
Total	4,318,609.57

Troy ozs.

Minor Coinage Metals

Copper	325,810.98
Nickel	403,747.50
Tin	30,647.10
Zinc	45,970.65
Total	806,176.23

Respectfully,

Jos W. Milsom
Jos. W. Milsom, Supt. M. & R. Dept.

July 2, 1924.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, June, 1924

Arnold	100
Baskind	100
Borstadt	100
Bush	100
Dardis	95
Eggert	95
Hayes	95
Henahan	95
Hume	95
Kennon	95
Lindhard	95
Malmstrom	100
McClung	95
Peirce	95
Spencer	100
St. John	100
Stoddard	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	95

Respectfully,

Jos. W. Milsom
Jos. W. Milsom, Supt. M. & R. Dept.

July 2, 1924.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion and Metals on Hand at close of business, July 31, 1924.

<u>Gold</u>	Fine ozs.
Refined	129,589.025
Coin Bars	148,103.484
Ingots (D.E.)	84,539.025
Unrefined	<u>1,160,644.174</u>
Total	<u>1,522,875.708</u>

<u>Silver</u>	
Standard Bars	25,181.90
Purchase bars, fine	152,733.49
Mint fine bars	957,888.65
Unrefined	<u>3,286,883.46</u>
Total	<u>4,422,687.50</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	326,714.78
Nickel	403,752.05
Tin	30,665.84
Zinc	<u>45,998.76</u>
Total	<u>807,131.43</u>

Respectfully,

Jos. W. Milsom

Jos. W. Milsom, Supt. M. & R. Dept.

August 5, 1924.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion and Metals on hand at close of business, August 31, 1924.

<u>Gold</u>	Fine ounces
Refined	161,679.328
Tops, Clips, etc.	4,259.628
Ingots (D.E.)	33,780.870
Unrefined	<u>1,172,835.835</u>
Total	<u>1,372,555.661</u>

<u>Silver</u>	
Standard bars	25,181.90
Mint Fine bars	1,003,164.80
Purchase bars, refined	152,733.49
Uncurrent coin	44,729.33
Tops, clips, etc.	4,785.53
Ingots (Dime)	33,271.28
Unrefined	<u>3,348,693.36</u>
Total	<u>4,612,559.69</u>

<u>Minor Coinage Metals</u>	Troy ounces
Copper	373,048.91
Nickel	418,656.87
Tin	30,742.06
Zinc	<u>46,113.08</u>
Total	<u>868,560.72</u>

Respectfully,

Jos. W. Milsom

Jos. W. Milsom, Supt. M. & R. Dept.

Sept. 3, 1924.

THE MINT OF THE UNITED STATES AT DENVER,
 MELTER AND REFINER'S DEPARTMENT,
 Efficiency Report, August, 1924

Arnold	100
Baskind	100
Borstadt	100
Bush	100
Dardis	95
Eggert	95
Hayes	95
Henahen	95
Hume	100
Kennon	95
Lindhard	95
Malmstrom	100
McClung	95
Peirce	95
Spencer	100
St. John	100
Stoddard	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	95

Respectfully,

Jos. W. Milsom
 Jos. W. Milsom, Supt. M. & R. Dept.

Sept. 3, 1924.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion and Metals on Hand at close of business, Sept. 30, 1924

<u>Gold</u>	Fine ozs.
Refined	135,281.799
Clips, tops, etc.	40,815.036
Coin bars	1,442.355
Unrefined	<u>1,100,109.987</u>
Total	<u>1,307,649.157</u>

<u>Silver</u>	
Mint Fine bars	1,040,799.80
Purchase bars, refined	152,733.49
Quarter dollar ingots	21,919.63
Clips, tops, etc.	1,991.25
Unrefined	<u>3,310,575.88</u>
Total	<u>4,528,020.05</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	360,059.48
Nickel	418,681.45
Tin	30,468.30
Zinc	45,702.43
Bronze ingots	<u>13,688.20</u>
Total	<u>868,579.86</u>

Respectfully,

Jos. W. Milsom
 Jos. W. Milsom, Supt. M. & R. Dept.

Oct. 2, 1924.

THE MINT OF THE UNITED STATES AT DENVER,
 MELTER AND REFINER'S DEPARTMENT,
 Efficiency Report, September, 1924

Arnold	100
Baskind	100
Borstadt	100
Bush	100
Dardis	95
Eggert	95
Hayes	95
Henahan	95
Hume	100
Kennon	95
Lindhard	95
Malmstrom	100
McClung	95
Peirce	95
Russell	95
Spencer	100
St. John	100
Stoddard	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	95

Respectfully,

Jos. W. Milsom
 Jos. W. Milsom, Supt. M. & R. Dept.

Oct. 2, 1924.

THE MINT OF THE UNITED STATES AT SEATTLE,
MELTER AND REFINER'S DEPARTMENT

Bullion and Metals on Hand at close of Business, October 31, 1924

Gold

	Fine ounces
Certificate Bars	94,741.943
M. F. Bars	178,483.931
Clips, tops, etc.	41,674.035
Mexican coin bars	18,621.629
Unrefined	1,028,656.141
Total	1,360,207.699

Silver

M. F. Silver	818,977.71
Purchase Bars, refined	152,733.49
Quarter Dollar ingots	50,856.79
Dime Ingots	14,472.81
Clips, tops, etc.	4,978.21
Unrefined	3,315,174.44
Total	4,357,193.45

Minor Coinage Metals

	Troy ounces
Copper	271,090.83
Nickel	401,441.97
Tin	29,682.82
Zinc	44,524.20
Total	746,739.82

Respectfully,

Joe W. Milson
Joe W. Milson, Supt. M. & R. Dept.

November 1, 1924.

THE MINT OF THE UNITED STATES A. D. 1924.
MELTER AND REFINER'S DEPARTMENT

Efficiency Report, October, 1924

Arnold	100
Baskind	100
Borstadt	100
Bush	100
Boswell	90
Darola	95
Eggert	95
Hayes	95
Henahan	95
Hume	100
Lindhard	95
Malmsteen	100
McClung	95
Russell	95
Spencer	100
St. John	100
Stoddard	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	95

Respectfully,

Jos. W. Wilson
Jos. W. Wilson, Supt. M. & R. Dept.

Nov. 1, 1924.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Bullion & Metals on Hand at close of business, Nov. 30, 1924.

Fine ozs.

Gold

Refined	381,915.596
Uncurrent coin	1,238.517
Mexican coin bars	32,599.217
Clips, tops, etc.	41,674.055
Unrefined	<u>949,127.700</u>
Total	<u>1,406,548.085</u>

Silver

Mint fine bars	644,078.89
Refined, Pittman	152,733.49
Uncurrent coin	7,831.98
Ingots (Dime)	12,652.74
Clips, tops, etc.	2,784.24
Unrefined	<u>3,206,658.66</u>
Total	<u>4,026,740.00</u>

Troy ozs.

Minor Coinage Metals

Copper	192,749.36
Nickel	392,842.42
Tin	28,576.66
Zinc	42,864.96
Nickel Ingots	<u>12,800.00</u>
Total	<u>669,833.40</u>

Respectfully,

Jos. W. Milson

Jos. W. Milson, Supt. M. & R. Dept.

December 1, 1924.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, November, 1924

Arnold	100
Baskind	100
Borstadt	100
Bush	100
Boswell	90
Dardis	95
Eggert	95
Hayes	95
Henahan	95
Hume	100
Lindhard	95
Malmstrom	100
McClung	95
Monahan	95
Russell	95
Spencer	100
St. John	100
Stoddard	100
Welsh	100
Whitaker	100
Wilcox	100

Respectfully,

Jos. W. Milsom

Jos. W. Milsom, Supt. M. & R. Dept.

Dec. 1, 1924

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Bullion and Metals on hand at close of business, December 31, 1924.

Gold

Fine ozs.

Refined	405,786.627
Clips, tops, etc.	259.740
Double Eagle Ingots	74,138.150
Unrefined	<u>870,585.827</u>
Total	<u>1,350,768.344</u>

Silver

Mint fine bars	705,608.86
Purchase bars (Pittman)	152,733.49
Clips, tops, etc.	32,415.35
Unrefined	<u>3,148,429.98</u>
Total	<u>4,039,187.68</u>

Minor Coinage Metals

Troy ozs,

Copper	85,719.70
Nickel	267,381.76
Tin	22,610.27
Zinc	<u>63,636.27</u>
Total	<u>439,348.00</u>

Respectfully,

Jos. W. Milsom

Jos. W. Milsom, Supt. M. & R. Dept.

Jan. 5, 1925.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, December, 1924.

Arnold	100
Baskind	100
Borstadt	100
Bush	100
Boswell	90
Dardis	95
Eggert	95
Hayes	95
Henahan	95
Kennon	90
Lindhard	95
Malmstrom	100
McClung	95
Monahan	95
Russell	95
Spencer	100
St. John	100
Stoddard	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	100

Respectfully,

Jos. W. Milson
 Jos. W. Milson, Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion and Metals on hand at close of business, January 31, 1925.

	Fine ounces
<u>Gold</u>	
Refined	75,213.043
Mexican Coin bars	2,645.157
Tops, etc.	361.440
Double Eagle Ingots	45,677.070
Unrefined	<u>796,541.681</u>
Total	<u>920,438.391</u>
<u>Silver</u>	
Mint Fine bars	849,886.40
Pittman Purchase bars	152,733.49
Clips, tops, etc.	32,656.81
Uncurrent coin	30,105.89
Unrefined	<u>3,078,646.88</u>
Total	<u>4,144,029.27</u>
<u>Minor Coinage Metals</u>	Troy ounces
Copper	36,756.45
Nickel	265,230.85
Tin	8,189.60
Zinc	<u>35,330.40</u>
Total	<u>345,507.30</u>

Respectfully,

Jos. W. Milsom
Jos. W. Milsom, Supt. M. & R. Dept.

Feb. 3, 1925.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Efficiency Report, January, 1925.

Arnold	100
Baskind	100
Boswell	90
Borstadt	100
Bush	100
Dardis	95
Eggert	95
Hayes	95
Henahen	95
Kennon	90
Lindhard	95
Malmstrom	100
McClung	95
Monahan	95
Russell	95
Spencer	100
St. John	100
Stoddard	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	100

Respectfully,

Jos. W. Milsom
 Jos. W. Milsom, Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, February, 1926.

Arnold	100
Baskind	100
Borstadt	100
Boswell	90
Bush	100
Dardis	95
Eggert	95
Hayes	95
Menahan	95
Kennon	90
Lindhard	95
Malmstrom	100
McClung	95
Monahan	95
Russell	95
Spencer	100
St. John	100
Stoddard	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	100

Respectfully,

Jos. W. Milson
Jos. W. Milson, Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Bullion and Metals on Hand at close of business, February 26, 1925.

GOLD

Fine ounces

Refined	39,494.498	
Certificate bars	63,451.994	92,946.492
H. E. Ingots	68,334.399	
D. E. "	34,142.985	
Tops, etc.	322.425	
Unrefined	712,074.799	
Total	907,821.100	

Silver

Mint fine	969,335.48
Purchased bars (Pittman)	152,733.49
Uncurrent coin	6,375.96
Clips, tops, etc.	12,805.44
Dime ingots	43,775.40
Unrefined	3,030,510.58
Total	4,215,336.35

Minor Coinage Metals

Troy ozs.

Copper	1,194,027.00
Nickel	265,230.85
Tin	7,990.56
Zinc	35,031.84
Total	1,502,280.25

Respectfully,

Jos. W. Milson
 Jos. W. Milson, Supt. M. & R. Dept.

March 3, 1925.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion and Metals on Hand at close of business, March 31, 1925.

	Fine Ounces
<u>Gold</u>	
Refined	50,553.499
D.E. Ingots	102,372.750
Tops, etc.	1,574.730
Unrefined	327,656.434
Total	782,160.413
<u>Silver</u>	
Mint fine bars	1,082,656.12
Purchase (Pittman)	152,733.49
Uncurrent coin	4,726.91
Tops, etc.	188.10
Unrefined	2,976,852.94
Total	4,217,157.56
<u>Minor Coinage Metals</u>	
	Troy ounces
Copper	1,194,027.00
Nickel	265,230.85
Tin	7,990.56
Zinc	35,031.84
Total	1,502,280.25

Respectfully,

April 1, 1925.

Joe W. Milson
Joe. W. Milson, Supt. M. & R. Dept.

see P 320

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, March, 1925.

Arnold	100
Baskind	100
Borstadt	100
Boaswell	90
Bush	100
Dardis	95
Eggert	95
Hayes	95
Henahan	95
Kennon	90
Lindhard	95
Malmstrom	100
McClung	95
Monahan	95
Russell	95
Spencer	100
St. John	100
Stoddard	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	100

Respectfully,

John V. Milson
Jos. V. Milson, Supt. M. & R. Dept.

April 1, 1925.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion and Metals on hand at close of business, March 31, 1925.

Gold

Refined
D.E. Ingots
Tops, etc.
Unrefined

Total

Fine ounces

50,556.499
102,372.750
1,574.730
627,658.638
782,162.615

Silver

Mint fine bars
Purchase (Pittman)
Uncurrent coin
Tops, etc.
Unrefined

Total

1,082,656.12
152,733.49
4,726.91
188.10
2,976,656.84
4,217,161.46

Minor Coinage Metals

Copper
Nickel
Tin
Zinc

Total

Troy ounces

1,194,027.00
265,230.85
7,990.56
35,031.84
1,502,280.25

Respectfully,

Jos. W. Milson

Jos. W. Milson, Supt. M. & R. Dept.

April 2, 1925.

M. & R. DEPARTMENT

Bullion and Metals on hand at close of business, April 30, 1925.

<u>Gold</u>	Fine ozs.
Refined	182,178.234
Standard bars	9,850.533
D. E. Ingots	90,198.279
Tops	307.530
Unrefined	<u>557,969.891</u>
Total	<u>840,504.467</u>

<u>Silver</u>	
Mint fine bars	1,242,084.81
Pittman Purchase bars	152,733.49
Uncurrent coin	10,012.50
Tops	188.10
Unrefined	<u>2,905,473.61</u>
Total	<u>4,310,492.51</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	1,140,714.42
Nickel	259,986.37
Tin	7,199.42
Zinc	33,845.13
Bronze Ingots	<u>7,076.40</u>
Total	<u>1,448,821.74</u>

Jos. W. Milsom

Jos. W. Milsom, Supt. M. & R. Dept.

May 2, 1925.

M. & R. DEPARTMENTEfficiency Report, April, 1925

Arnold	100
Baskind	100
Borstadt	100
Boeswell	90
Bush	100
Dardis	95
Eggert	95
Hayes	95
Hobson	90
Kennoch	90
Lindhard	95
Malmstrom	100
McClung	95
Monahan	95
Russell	95
Spencer	100
St. John	100
Stoddard	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	100

Jos. W. Milsom

Jos. W. Milsom, Supt. M. & R. Dept.

May 2, 1925.

M. & R. DEPARTMENT

Bullion and Metals on Hand at close of Business, May 31, 1925.

Gold

Fine ozs.

Refined	120,347.989
D. E. Ingots	133,178.505
Clips, tops, etc.	1,202.805
Standard bars	9,850.533
Unrefined	<u>508,211.861</u>
Total	<u>775,791.493</u>

Silver

Mint fine bars	1,331,417.31
Pittman Purchase bars	152,733.49
Uncurrent coin	10,012.50
Tops	188.10
Unrefined	<u>2,877,164.12</u>
Total	<u>4,371,515.52</u>

Minor Coinage Metals

Troy ozs.

Copper	1,007,117.63
Nickel	259,986.57
Tin	4,386.86
Zinc	29,626.28
Bronze ingots	<u>17,565.40</u>
Total	<u>1,318,702.54</u>

Joe W. Milsom

Joe. W. Milsom, Supt. M. & R. Dept.

June 2, 1925.

SUMMARY, SETTLEMENT, M. & R. DEPT., DENVER
June, 1925

	Gold, Fine ozs.	Silver, Fine ozs.
Gold Dep. 1920	1,784.405	1,118.66
1921	94,064.375	20,810.71
1922	8,512.649	4,551.28
1923	3,723.352	1,181.71
1924	22,987.917	2,893.03
1925	193,019.433	36,140.14
Sil. Depo 1920	772.138	1,377.15
1921	4,829.677	584,998.34
1922	2,454.041	201,610.06
1923	5,077.807	497,871.11
1924	8,465.895	567,096.24
1924	62.238	2,543.09
1925	11,045.928	762,319.78
1925	995.268	18,930.06
Re-Dep. 1920	373.735	1,407.92
1925	47,049. 221 126	68,470.10
Pittman Purchase Silver, 1924		152,733.49
Mint fine Silver, 1924		569,139.27
1925		762,278.04
Ref'y Gold Set. 1925	76,226.272	11,978.97
" Sil. " 1924	8,936.253	13,316.54
" " " 1925	41,536.492	109,569.79
Ref'y Copper Set. 1925	6.298	7.68
Mass Melts, 1921	19,749.536	18,111.60
Certificate Bars, 1916	99,207.894	
Miscellaneous: D. E. Ingots	23,202.450	
Ingot bar	300.735	
M. & R. Exp'ls	333.648	6.41
Assayer's bars	345.235	556.26
Mass Melt	1,543.303	1,324.88
Ref'y Sil. Set. #35	6.603	18.31
" Iron " #1	.075	.53
Proof G. & S.	44.120	173.57
Working Silver		235.27
Sil. Nitrate		168.07
Sweeps: Ref'y	789.152	2,994.59
Ingot	114.027	182.27
Assay	3.447	18.18
TOTALS	877,563. 570 524	4,413,632.13
Charged to M. & R. Dept.	877,180.022	4,414,654.44
SURPLUS, Gold	403. 557 502	
WASTAGE, Silver		972.31
Platinum, 282.87 ozs.		
Palladium, 71.95 "		

The Superintendent of the Melting and Refining Department of the Denver Mint, received, operated upon, and returned Gold and Silver bullion and Minor Coinage metals, during the fiscal year ending June 30th, 1925, as follows:

RECEIPTS:

	Gold Account Fine ozs.	Silver Account Fine ozs.	Nickel Account Troy ozs.	Bronze Account Troy ozs.
Settlement, June 30, 1924	1,299,650.894	4,317,535.00	569,152.36	237,023.87
Deposits	493,667.442	870,779.20		
Re-Deposits	98,365.300	93,457.04		
Clippings	1,445,613.759	528,142.92	45,365.40	242,323.09
Condemned coin	18,244.170	18,831.03	1,337.20	10,645.90
" blanks	117,490.302			15,360.87
Uncurrent and light wt. & mutil. coin	10,957.887	293,120.93	57,876.44	
Certificate bars	2,028,825.043			
Ingot	334,032.210			
Proof metals	100.000			
Coiner's bars	12,101.768	96.22		
Supt. sweeps bars	13.021	22.70		
Transfer Copper to Bronze account			566,725.00	180,000.00
Copper				600,000.00

RETURNS:

	403.502	6,123,985.85	1,240,459.40	1,285,351.64
Surplus	5,962,665.296			
TOTALS				
Ingot	5,300,408.513	1,706,791.05	215,147.70	845,705.40
Unparted bars	554,202.434	2,925,709.40		
Merchant "	7,895.909	2,530.56		
Proof metal and working silver	44.120	478.84		
Sweeps	906.626	3,195.02		
Ingot copper			585,071.34	403,441.20
Nickel			259,901.71	4,000.52
Tin				28,046.77
Zinc				
Silver nitrate		168.07		
Certificate bars	99,207.894			
Fine bars		1,484,150.80		
Transfer Copper from Nickel account			180,000.00	
Wastage				
TOTALS	5,962,665.296	972.31	338.65	3,157.75
		6,123,985.85	1,240,459.40	1,285,351.64

BY-PRODUCTS:				
Paid for in Sweeps sold May 7, 1925: Platinum,	32.526	Troy ozs.	Palladium,	7.980
Sponge delivered to Set. Commission	282.870	"	"	"
TOTALS	315.396	"	"	"
			71.950	"
			79.930	"

Charges collected on bullion operated upon in Refinery, \$71,461.59.

J. C. Wilson Supt. M. & R. Dept.

MELTING AND REFINING DEPARTMENT.BULLION AND METALS ON HAND AT CLOSE OF BUSINESS JULY 31st, 1925.

<u>GOLD</u>	Standard Bars	12,805.967	
	Certificate Bars	99,207.894	
	D. E. Ingots	23,202.450	
	Lt. Wt. and Unc. Coin	12,248.118	
	Unrefined	<u>571,054.241</u>	
	TOTAL:	718,518.670	Fine Ozs.
 <u>SILVER</u>	Purchase Bars	152,733.49	
	Mint Fine Bars	1,331,417.31	
	Uncurrent Coin	82,872.96	
	Unrefined	<u>2,998,528.58</u>	
	TOTAL:	4,565,552.34	Fine Ozs.
 <u>MINOR:</u>	Copper	988,512.54	
	Nickel	259,901.71	
	Tin	4,000.52	
	Zinc	29,046.77	
	Mut. and Unc. Coin - Nickel	79,317.78	
	do Bronze	<u>8,540.37</u>	
	TOTAL:	1,369,319.69	Troy Ozs.

J. W. Milson
J. W. Milson,
 Superintendent, M. & R. Dept.,
 U. S. Mint, Denver, Colorado.

M. & R. Labor Account

1924 - 1925

Refinery \$31,749.34

Ingt Room 11,506.80

(Office salaries included in above.)



Aug. 5, 1925

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,
Efficiency Report, August, 1925

Arnold	100
Baskind	100
Borstadt	100
Boswell	90
Bush	100
Dardis	95
Eggert	95
Hayes	95
Hobson	90
Lindhard	95
Malmstrom	100
McClung	95
Russell	95
Spencer	100
St. John	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	100

Jos. W. Milsom

Jos. W. Milsom, Supt. M. & R. Dept.

Sept. 1, 1925.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Bullion and Metals on Hand at close of business, August 31, 1925.

	Fine ozs.
<u>Gold</u>	
Standard bars	12,224.800
Certificate bars	92,033.523
Tops, etc.	264.240
Unrefined	<u>598,503.723</u>
Total	<u>703,026.286</u>

<u>Silver</u>	
Purchase bars	152,733.49
Mint fine "	1,297,103.54
Uncurrent coin	27,245.92
Clips, tops, etc.	2,187.85
Dime ingots	11,118.51
Unrefined	<u>3,080,694.67</u>
Total	<u>4,571,083.98</u>

	Troy ozs.
<u>Minor Coinage Metals</u>	
Copper	757,350.35
Nickel	274,360.65
Zinc	20,377.13
Tin	57,195.76
Bronze Ingots	<u>34,536.80</u>
Total	<u>1,143,820.99</u>

Jos. W. Milsom

Jos. W. Milsom, Supt. M. & R. Dept.

Sept. 1, 1925.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, September, 1925.

Arnold	100
Baskind	100
Borstadt	100
Boswell	90
Bush	100
Dardis	95
Eggert	95
Hayes	95
Hobson	90
Hume	100
Kennon	95
Lindhard	95
Malmstrom	100
McClung	95
Monahan	95
Russell	95
Spencer	100
St. John	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	100

Oct. 1, 1925.

J. W. Milson
Jas. W. Milson, Supt.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Bullion and Metals on hand at close of business, September 30, 1925.

Fine ozs.

Gold

Standard bars	12,224.800
Certificate bars	92,033.523
Mint fine bars	71,998.337
Tops	264.240
Unrefined	<u>555,207.593</u>
Total	<u>731,728.293</u>

Silver

Purchase bars, refined	152,733.49
Mint fine bars	1,463,808.94
Uncurrent coin	13,372.54
Tops, clips, etc.	17,608.60
Unrefined	<u>2,938,863.63</u>
Total	<u>4,586,387.20</u>

Minor Coinage Metals

Troy ozs.

Copper	3,197.10
Nickel	218,983.90
Tin	44,816.36
Zinc	<u>1,807.93</u>
Total	<u>268,805.29</u>

Jos. W. Milson
 Jos. W. Milson, Supt. M. & R. Dept.

Oct. 1, 1925.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND FINER'S DEPARTMENT.

Bullion and Metals on hand at close of business, October 31, 1925.

<u>Gold</u>	Fine ozs.
Coin bars	9,826.116
Gt. & M.F. bars	271,949.023
Uncurrent coin	2,987.847
Top	284.240
Unrefined	<u>475,108.114</u>
Total	<u>760,135.340</u>

<u>Silver</u>	
Uncurrent coin	638.64
Clips, etc.	23,364.68
Purchase bars (Pittma)	152,733.49
M.F. Bars	1,425,049.02
Unrefined	<u>2,884,792.45</u>
Total	<u>4,486,578.28</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	1,556,282.24
Nickel	114,088.93
Zinc	45,935.10
Tin	<u>35,015.02</u>
Total	<u>1,751,321.29</u>

Respectfully,

C.C. Malmstrom
C.C. Malmstrom, Acting Supt. M. & R. Dept.

November 3, 1925.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, October, 1925.

Arnold	100
Baskind	100
Borstadt	100
Boswell	90
Bucher	95
Bush	100
Dardis	95
Eggert	95
Hayes	95
Hobson	90
Hume	100
Kennon	95
Lindhard	95
Malmstrom	100
McClung	95
Monahan	95
Russell	95
Spencer	100
St. John	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	100

Nov. 9, 1925.

Jos. W. Milsom
Jos. W. Milsom, Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Bullion and Metals on hand at close of business, November 30, 1925.

<u>Gold</u>	Fine ozs.
Standard bars	12,159.591
M.F.Bars	302,633.246
Tops, Clips, etc.	21,793.671
Unrefined	<u>395,028.070</u>
Total	<u>731,647.578</u>

<u>Silver</u>	
Uncurrent coin	338.64
Purchase bars (Pittman)	152,733.49
M.F.Silver	1,546,805.04
Clips, etc.	23,364.88
Unrefined	<u>2,799,741.17</u>
Total	<u>4,523,083.02</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	1,074,507.51
Nickel	75,815.30
Zinc	34,347.04
Tin	<u>27,289.64</u>
Total	<u>1,211,959.99</u>

Jos. W. Milson

Jos. W. Milson, Supt. M. & R. Dept.

December 1, 1925.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Efficiency Report, November, 1925.

Arnold	100
Baskind	100
Borstadt	100
Boswell	90
Bucher	95
Bush	100
Dardis	95
Eggert	95
Hayes	95
Hobson	90
Hume	100
Kennon	95
Malmstrom	100
McClung	95
Monahan	95
Russell	95
Spencer	100
St. John	100
Stoddard	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	100

1, 1925.

Jos. W. Wilson
Jos. W. Wilson, Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Bullion and Metals on hand at close of business, December 31, 1925.

Gold

Standard bars
Certificate bars
M. F. G. bars
Tops, etc.
Unrefined

Fine ozs.

8,047.431
7,981.453
391,623.826
350.910
325,628.088
733,631.718

Total

Silver

Purchase (Pittman) bars
M.F.S. bars
Clips, tops, etc.
Unrefined

152,733.49
1,598,647.46
6,556.82
2,726,923.72
4,484,861.49

Total

Minor Coinage Metals

Copper
Nickel
Zinc
Tin

Troy ozs.

739,497.81
58,320.58
25,425.23
21,341.77
844,585.39

Total

Respectfully,

Joseph W. Milsom
Jos. W. Milsom, Supt. M. & R. Dept.

January 2, 1926.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Efficiency Report, December, 1925.

Arnold	100
Baskind	100
Borstadt	100
Boswell	90
Bush	100
Dardis	95
Eggert	95
Hayes	95
Hobson	90
Kennon	95
Lindhard	95
McClung	95
Russell	95
Spencer	100
St. John	100
Stoddard	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	100

Respectfully,

Jos. W. Milson

Jos. W. Milson, Supt. M. & R. Dept.

Jan. 2, 1926.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Statement of Refined and Unrefined Bullion on hand January 26, 1926.

<u>Gold</u>	Fine ounces
Mint Fine bars	418,564.680
Certificate bars	7,981.483
Other metal available for Coinage	<u>4,559.471</u>
Total " " "	431,105.614
Unparted bars	<u>325,352.024</u>
Total	<u>756,457.638</u>

<u>Silver</u>	
Purchase (Pittman) bars	152,733.49
Mint Fine bars	1,693,495.50
Uncurrent coin	80,333.15
Other metal available for Coinage	<u>11,256.75</u>
Total " " "	1,937,818.89
Unparted bars	<u>2,685,534.18</u>
Total	<u>4,623,353.07</u>

Jos. W. Milsom

Jos. W. Milsom, Supt. M. & R. Dept.

January 27, 1926.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT.

Bullion and Metals onhand at close of business, January 31, 1926.

Gold

Fine ozs.

Standard bars	9,514.664
Certificate bars	7,981.433
Mint Fine bars	454,562.828
Uncurrent coin	1,036.917
Tops, etc.	350.910

Unrefined	293,369.137
-----------	-------------

Total	736,815.819
-------	-------------

Silver

Purchased bars (Pittman)	152,733.49
Mint Fine bars	1,732,304.18
Dime Ingots	22,100.36
Uncurrent coin	44,369.15
Tops, etc.	429.21
Clips, etc.	3,819.29
Unrefined	2,625,279.11

Total	4,581,054.77
-------	--------------

Minor Coinage Metals

Troy ozs.

Copper	329,428.21
Nickel	349,987.25
Zinc	9,317.77
Tin	10,603.46

Total	599,336.69
-------	------------

Jos. W. Milson
 Jos. W. Milson, Supt. M. & R. Dept.

February 3, 1926.

THE MINT OF THE UNITED STATES AT DENVER,
 MELTER AND REFINER'S DEPARTMENT,
 Efficiency Report, January, 1926.

Arnold	100
Baskind	100
Borstadt	100
Boswell	90
Bush	100
Dardis	95
Eggert	95
Hayes	95
Hobson	90
Kennon	95
Lindhard	95
McClung	95
Russell	95
Spencer	100
St. John	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	100
Williamson	90

Jos. W. Milson
 Jos. W. Milson, Supt. M. & R. Dept.

February 3, 1926.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Bullion and Metals on Hand at close of business, February 28, 1926.

<u>Gold</u>	Fine ounces
Coin bars	3,47.496
Mint fine gold bars	308,178.563
D.E. Ingots	44,007.920
Clips, tops, etc.	1,814.344
Unrefined	<u>246,003.667</u>
Total	<u>653,355.980</u>

<u>Silver</u>	
Purchase bars (Pittman)	152,733.49
Mint fine silver bars	1,820,152.40
Dime ingots	32,863.86
Clips, tops, etc.	9,403.13
Unrefined	<u>2,526,572.03</u>
Total	<u>4,541,727.93</u>

<u>Minor Coinage Metals</u>	Troy ounces
Copper	139,273.86
Nickel	343,488.37
Tin	126,163.02
Zinc	<u>179,486.26</u>
Total	<u>787,391.53</u>

Joe W. Milson

Joe. W. Milson, Supt. M. & R. Dept.

March 3, 1926.

8

THE MINT OF THE UNITED STATES AT DENVER,
 MELTER AND REFINER'S DEPARTMENT,
 Efficiency Report, February, 1926.

Arnold	100
Baskind	100
Borstadt	100
Boswell	90
Bush	100
Dardis	95
Donahue	95
Eggert	95
Hobson	90
Kennon	95
Lindhard	95
McClung	95
Russell	95
Spencer	100
St. John	100
Waters	100
Welsh	100
Whitaker	100
Wilcox	100
Williamson	90

Joe. W. Wilson
 Joe. W. Wilson, Supt. M. & R. Dept.

March 2, 1926.

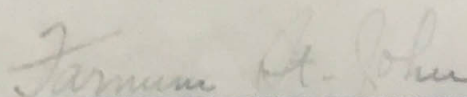
M. & R. DEPT.Bullion and Metals on hand at close of business, March 31, 1926.

<u>Gold</u>	Fine ounces
Standard coin bars	76,049.564
Mint fine bars	327,917.086
Clips, etc.	24,141.510
Uncurrent coin	2,807.028
Tops	453.285
Unrefined	<u>221,364.484</u>
Total	<u>652,732.957</u>

<u>Silver</u>	
Purchase bars (Pittman)	152,733.49
Mint fine bars	1,350,581.18
Clips, etc.	15,546.15
Dollar Ingots	60,925.77
Unrefined	<u>2,426,300.07</u>
Total	<u>4,006,086.66</u>

<u>Minor Coinage Metals</u>	Troy ounces
Copper	1,310,280.71
Nickel	343,473.60
Tin	126,306.26
Zinc	<u>178,701.14</u>
Total	<u>1,958,761.71</u>

Respectfully,



For Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion and Metals on Hand at Close of Business, April 30, 1926.

<u>Gold</u>	Fine ounces
Coin bars	93,923.704
Mint Fine Gold bars	327,917.086
Clips, tops, etc.	24,594.795
Uncurrent coin	2,807.028
Unrefined	<u>242,244.808</u>
Total	<u>691,487.421</u>
<u>Silver</u>	
Purchase bars (Pittman)	152,753.49
Mint fine Silver Bars	810,643.14
Clips, tops, etc.	14,321.84
Dollar Ingots	51,755.58
Unrefined	<u>2,412,378.82</u>
Total	<u>3,441,832.87</u>
	Troy ounces
<u>Minor Coinage Metals</u>	
Copper	1,140,434.61
Nickel	342,675.30
Tin	122,780.96
Zinc	<u>173,413.24</u>
Total	<u>1,779,304.11</u>

Jarvis St. John

For Supt. M. & R. Dept.

May 3, 1926.

M. & R. DEPT.

Bullion and Metals on hand at close of business, May 31, 1926.

<u>Gold</u>	Fine ounces
Coin Bars	99,308.096
Mint Fine bars	327,917.086
Clips, tops, etc.	24,594.795
Uncurrent coin	2,807.028
Unrefined	<u>270,399.405</u>
Total	<u>725,026.410</u>
<u>Silver</u>	
Purchase bars (Pittman)	152,733.49
Mint fine bars	258,069.23
Clips & tops	14,619.51
Dollar Ingots	51,206.58
Unrefined	<u>2,432,566.01</u>
Total	<u>2,909,194.82</u>
	Troy ounces
<u>Minor Coinage Metals</u>	
Copper	870,252.73
Nickel	342,725.32
Tin	117,089.76
Zinc	<u>164,876.44</u>
Total	<u>1,494,944.25</u>

Respectfully,


 For Supt. M. & R. Dept.

June 1, 1926

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

M. & R. Salaries and Wages, Fiscal year, 1925-1926

Salaries	\$7,895.07	
Wages	<u>31,131.26</u>	\$39,026.33

Divided as follows:

Make-up room	1,515.76	
Ingot room	12,650.40	
Refinery	<u>24,860.17</u>	\$39,026.33

July 1, 1926

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

M. & P. Salaries and Wages, Fiscal year, 1925-1926

Salaries	\$7,895.07	
Wages	<u>31,131.26</u>	\$39,026.33

Divided as follows:

Ingot room	13,408.28	
Refinery	<u>25,618.05</u>	\$39,026.33

July 1, 1926.

SUMMARY of SETTLEMENT, M. & R. DEPT., DENVER
June, 1926

	Gold, Fine ozs.	Silver, Fine ozs.
Gold Dep. 1920		
1921	743.452	500.56
1922	3,482.109	882.53
1923	7,036.566	3,745.89
1926	690.842	475.88
1926 Coin bars	111,373.663	16,491.84
	98,845.824	
Sil. Dep. 1920		
1921	772.138	1,377.15
1922	2,608.087	318,304.33
1923	1,540.853	108,535.97
1924	4,022.040	393,298.89
1925	6,656.119	465,750.11
1926	9,470.899	668,460.59
1926 Small bars	5,266.574	270,365.08
	392.969	8,307.59
Re-Dep. 1920		
1925	373.735	1,407.92
1926	8,368.901	34,420.70
	29,001.041	38,293.57
D.E. and Dime Ingots, 1926	33,547.176	50,742.09
M. F. Gold bars, 1926	321,956.482	
M. F. Silver bars, 1924		96,346.35
1926		57,682.83
Pittman Purchase Silver, 1924		152,733.49
Ref'y Sil. Set. 1925	9,372.905	21,457.45
" Gold " 1926	70,413.397	9,060.84
" Sil. " 1926	8,950.429	77,205.44
" Copper " 1926	1.438	2.87
" Iron " 1926	1.012	2.02
Miscellaneous:		
Mass Melts, 1926	11,847.849	8,646.16
Coiner's bars, 1926	1,650.546	19.20
Assayer's bars "	754.915	971.58
" Proof, etc.	39.100	788.68
M. & R. Expl.	.637	259.82
Gold Ingot bar	343.737	
(Total Misc. G.- 14,636.784)		
(S.- 10,687.44)		
Sweeps	229.915	1,279.05
TOTAL DEL'D	749,755.350	2,807,818.47
Charged to M. & R. Dept.	749,659.093	2,806,900.83
SURPLUS, Gold & Silver	96,257	917.64

By-Products: Platinum sponges 199.53
 " sold in sweeps 28.19 Total 227.72 ozs.

Palladium sponges 19.47
 " sold in sweeps .99 Total 20.46 ozs.

Iridium sponge Total 1.33 ozs.

Copper sold in sweeps Total 1,165 lbs.

Charges collected on bullion operated upon in Refinery; \$46,437.00

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT,

Statement of Bullion and Metals on hand at close of business,
June 30, 1926.Gold

Fine ozs.

Standard and Coin bars	103,308.101
Mint fine bars	321,958.482
D. E. Ingots	33,547.176
Unrefined	<u>290,849.334</u>
Total	<u>749,659.093</u>

Silver

Purchase bars (Pittman)	152,733.49
Mint fine bars	154,029.18
Dime Ingots	50,742.09
Unrefined	<u>2,449,396.07</u>
Total	<u>2,806,900.83</u>

Minor Coinage Metals

Troy ozs.

Copper	605,504.08
Nickel	342,988.69
Tin	111,499.47
Zinc	<u>156,491.00</u>
Total	<u>1,216,483.24</u>

Jos. W. Milsom

 Jos. W. Milsom, Supt. M. & R. Dept.

July 2, 1926.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Bullion and Metals on Hand at close of business, July 31, 1926

Gold

Fine ozs.

Standard & Coin bars
Mint fine bars
Uncurrent coin

105,098.148
321,956.482
7,368.930

Unrefined

319,507.562

Total

753,931.122

Silver

Purchase bars (Pittman)
Mint fine bars
Uncurrent coin

152,733.49
154,029.18
118,017.15

Unrefined

2,479,379.04

Total

2,904,458.86

Minor Coinage Metals

Troy ozs.

Copper
Nickel
Tin
Zinc
Uncurrent Coin, Nickel
" " Bronze

605,504.06
342,988.69
111,499.47
156,491.00
37,312.15
11,825.22

Total

1,265,620.61

Respectfully,

Jos. W. Milson

Jos. W. Milson, Supt. M. & R. Dept.

Aug. 3, 1926.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT.

Bullion and Metals on Hand at close of business, August 31, 1926.

<u>Gold</u>	Fine ozs.
Standard & Coin bars	106,514.768
Mint fine bars	321,956.482
Uncurrent coin	7,368.930
Tops	343.737
Unrefined	<u>346,055.712</u>
Total	<u>782,239.629</u>

<u>Silver</u>	
Purchase bars (Pittman)	136,673.93
Mint fine bars	57,682.83
Clips, tops, etc.	14,129.46
Dime Ingots	25,906.73
Unrefined	<u>2,494,520.35</u>
Total	<u>2,728,913.30</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	476,087.63
Nickel	299,849.88
Zinc	111,499.47
Aluminum	156,491.00
Uncurrent Coin: Nickel	29,072.50
Bronze	11,825.22
Nickel Clips, Tops, etc.	21,441.10
Nickel Ingots	<u>41,372.50</u>
Total	<u>1,147,639.30</u>

Respectfully,

Jos. W. Milson
Jos. W. Milson, Supt. M. & R. Dept.

Sept. 1, 1926.

THE MINT OF THE UNITED STATES AT DENVER,
MELTER AND REFINER'S DEPARTMENT,

Bullion and Metals on Hand at close of business, September 30, 1926

<u>Sold</u>	Fine ozs.
Standard and Coin bars	107,379.363
Mint fine bars	321,958.482
Uncurrent coin	8,041.599
Tops	343.737
Unrefined	<u>386,971.506</u>
Total	<u>824,692.887</u>

<u>Silver</u>	
Pittman bars, fine	20,779.30
Mint fine bars	57,682.83
Clips and tops	4,944.29
Dime ingots	22,265.69
Unrefined	<u>2,511,978.97</u>
Total	<u>2,617,651.08</u>

Minor Coinage Metals

	Troy ozs.
Copper	185,717.02
Nickel	209,035.70
Tin	111,499.47
Zinc	156,491.00
Uncurrent coin: Nickel	43,490.90
Bronze	11,916.51
Clips, tops, etc., Nickel	14,650.20
Nickel Ingots	<u>28,925.20</u>
Total	<u>761,726.00</u>

Respectfully,

Jarvis St. John

for Supt. M. & R. Dept.

October 1, 1926.

The Mint of the United States at Denver

Melting and Refining Department

October 11, 1926.

Hon. Frank E. Shepard,
Superintendent U. S. Mint,
Denver.

Sir:

The Melting and Refining Department of the Denver Mint began regular operations in February, 1906, and has continued to date, a period of twenty-one years; and I have compiled the statistics of our operations during those years, 1906-1926, inclusive, as follows:

DEPARTMENTAL ACCOUNT

Year	Gold Gain	Gold Loss	Silver Gain	Silver Loss
1906	148.915		2,178.05	
7	344.133		10,430.97	
8	440.503		10,294.67	
9	818.759		1,274.43	
1910	275.795		921.73	
1	263.354		443.80	
2		73.235		
3		26.528		826.42
4		381.317	1,032.30	
5	138.667		1,265.42	
6		43.875		1,450.84
7	56.124			1,078.08
8		195.449		611.62
9		285.953	3,900.89	
1920	195.185		670.91	
1	138.701		154.90	
2	46.844		1,034.18	
3	41.617		3,001.11	
4	26.410		7,626.55	
5	403.502		1,343.70	
1926	96.257			972.31
			917.64	
	<u>3,434.766</u>	<u>1,006.357</u>	<u>46,489.25</u>	<u>4,839.27</u>

Net Surplus in Gold, 2,428.409 fine ozs.; value,	\$50,199.58
" " "Silver, 41,649.98 " " " at 60¢	24,989.98
By-products delivered to Superintendent	132,466.53
P. & R. Charges on bullion treated	1,197,652.28
<u>Total Earnings of Department</u>	<u>\$1,405,508.37</u>

REFINERY ACCOUNT

Year	Fine Gold	Fine Silver	Gold Gain	Gold Loss	Silver Gain	Silver Loss	P. & R. Charges	By-Products
1906	907,029.208	2,399.79	58.097		2,214.32		16,841.12	00
7	1,443,052.306	202,452.07	244.089		4,364.08		24,825.81	00
8	1,173,050.714	469,073.02	389.778		4,640.20		47,322.55	00
9	1,776,998.683	1,556,649.04	539.717			231.99	87,115.17	1,084.79
1910	1,240,952.520	1,274,370.50	487.672		410.60		60,565.82	999.42
1	1,531,765.888	1,272,091.91	112.076			899.73	78,509.37	4,338.25
2	1,473,360.063	912,142.66		242.369		1,843.86	75,809.03	5,961.42
3	1,355,646.352	706,561.04		80.380		1,773.13	71,995.43	3,240.93
4	1,666,847.322	730,460.43		329.028	366.14	462.88	92,090.55	3,617.01
5	1,363,482.509	1,127,539.02	275.812			1,773.13	78,740.87	7,564.31
6	1,625,017.192	1,624,263.52		47.627		1,336.70	95,508.63	10,018.61
7	1,260,606.431	1,412,708.68	42.113			1,306.73	77,774.42	4,448.16
8	1,625,749.288	1,725,979.39		198.663	93.38		98,721.55	8,589.23
9	1,361,103.347	1,479,371.80		336.064		513.12	88,723.84	1,561.00
1920	614,034.493	889,812.52	194.239			113.92	34,096.27	00
1	000	00						
2	000	00						
3	000	00						
4	960,695.323	1,079,155.49	61.152		21.38		51,315.29	10,341.44
5	974,668.699	1,457,069.57		99.835		2,547.84	71,461.59	42,980.33
6	--596,021.833	1,105,304.22	36.046			1,209.24	46,437.00	27,721.63
	22,950,081.971	19,027,424.87	2,440.791	1,533.966	12,110.10	12,239.14	\$1,197,852.28	\$132,466.53

Value of Fine Metal produced: Gold,

\$474,430,299.14

Silver (at 60c)

11,416,454.60

Total

\$485,836,753.94

ACCOUNT OF INGOTS MANUFACTURED

Year	Gold, Std. Ozs.	Silver, Std. Ozs.	Nickel, Troy Ozs.	Bronze, Troy, Ozs.
1906	1,575,260.620	247,627.10		
7	1,923,234.790	4,312,692.61		
8	2,583,182.380	11,003,882.93		
9	2,793,704.470	2,804,276.55		
1910	1,772,605.060	12,517.60		
1	2,007,747.730	1,516,853.00		302,167.65
2	000	3,249,642.30	1,227,366.60	1,774,404.30
3	814,704.930	1,328,162.36	2,473,734.50	1,498,447.70
4	584,916.470	2,761,252.35	871,224.60	1,784,930.90
5	947,324.480	989,222.74	2,481,943.80	2,298,892.00
6	000	1,333,613.16	768,278.10	4,046,363.40
7	000	4,537,322.46	3,294,999.10	3,708,333.70
8	000	8,961,837.11	3,011,825.80	10,019,100.80
9	101,366.720	3,665,321.30	634,232.80	5,653,118.20
1920	144,900.558	3,685,915.56	3,369,018.40	8,046,382.20
1	000	7,212,950.83	4,741,835.20	3,353,914.70
2	000	29,765,922.53	.00	478,827.10
3	889,299.720	25,216,171.86	.00	.00
4	5,614,909.480	186,498.63	479,945.92	.00
5	5,795,410.320	1,896,423.38	215,147.70	845,705.40
6	738,172.080	4,130,127.23	1,220,559.50	4,661,037.60
	28,286,739.808	118,818,233.59	24,790,112.02	48,471,625.65

Gold Ingots,	969.83 Tons
Silver "	4,073.76 "
Nickel "	849.94 "
Bronze "	1,661.88 "
<u>Total</u>	<u>7,555.41 "</u>

Value of Ingots, exclusive of Nickel and Bronze

Gold, \$526,264,927.39

Silver, 71,290,940.15

Total \$597,555,867.54

Respectfully submitted,

Jos. W. Milsom

Jos. W. Milsom, Supt. M. & R. Dept.

THE MINT OF THE UNITED STATES AT DENVER,

MELTER AND REFINER'S DEPARTMENT.

Bullion and Metals on hand at close of business, October 31, 1926.

Gold		Fine ozs.
Standard and Coin bars	109,302.631	
Mint fine bars	321,956.482	
Uncurrent coin	8,535.204	
Toga	343.737	
Unrefined	<u>441,969.161</u>	
Total	882,107.215	

<u>Silver</u>	
Purchase bars	256,101.74
Mint fine bars	57,682.83
Clips, tops, etc.	14,621.31
Uncurrent coin	44,807.01
Unrefined	<u>2,539,388.54</u>
Total	2,912,701.43

<u>Minor Coinage Metals</u>	
Copper	1,796,150.35
Nickel	196,935.70
Tin	97,339.47
Zinc	135,251.00
Obsolete coin	36,252.70
Bronze Ingots	44,361.40
Clips, tops, etc., Br.	10,660.16
" " Ni.	16,922.03
Total	<u>2,534,472.81</u>

Respectfully,

7
Farmington St. Chm

For Supt. M. & R. Dept.

November 1, 1926.

M. & R. DEPT.

Bullion and Metals on Hand at close of Business, November 30, 1926.

Gold

Fine ozs.

Standard and Coin bars	118,879.854
Mint fine bars	321,956.482
Tops	343.737
Uncurrent coin	8,975.594
Unrefined	<u>490,419.185</u>
Total	<u>940,574.852</u>

Silver

Purchase bars	256,101.74
Mint fine bars	57,682.83
Clips, tops, etc.	14,621.31
Uncurrent coin	47,800.40
Unrefined	<u>2,564,267.05</u>
Total	<u>2,940,473.33</u>

Troy ozs.

Minor Coinage Metals

Copper	1,228,897.41
Nickel	146,588.69
Tin	88,199.47
Zinc	121,541.00
Nickel Ingots	16,304.50
Bronze "	34,134.90
Clips, tops, etc., Nickel	3,066.00
Bronze	4,032.50
Scrap, Nickel and Bronze	<u>2,463.66</u>
Total	<u>1,645,218.13</u>

Respectfully,

Jos. W. Milsom
 Jos. W. Milsom, Supt. M. & R. Dept.

December 1, 1926.

M. & R. DEPARTMENT

Bullion and Metals on hand at close of business, December 31, 1926.

<u>Gold</u>	Fine ozs.
Standard and Coin bars	144,311.804
Mint fine bars	321,956.482
Tops	343.737
Uncurrent coin	8,975.594
Unrefined	<u>544,432.416</u>
Total	<u>1,020,020.033</u>

<u>Silver</u>	
Purchase bars	164,594.40
Mint fine bars	57,682.83
Clips, tops, etc.	3,889.89
Ingots, Dime	11,062.35
Unrefined	<u>2,562,850.73</u>
Total	<u>2,820,080.20</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	552,787.12
Nickel	136,641.80
Tin	74,594.01
Zinc	101,132.80
Ingots, Bronze	24,400.90
Clips, tops, etc., N.	9,807.70
" " " B.	8,273.20
Scrap, Nickel & Bronze	<u>6,376.66</u>
Total	<u>914,014.19</u>

Respectfully,

Joe W. Milson
Joe W. Milson, Supt. M. & R. Dept.

Jan 1, 1927.

M. & R. Dept.

Bullion and Metals on hand at close of business, January 31, 1927.

Fine ozs.

Gold

Standard and Coin bars	181,401.854
Mint fine bars	321,956.482
Tops	343.737
Uncurrent coin	10,832.280
Unrefined	<u>594,204.406</u>
Total	<u>1,108,738.759</u>

Silver

Purchase bars	137,971.05
Mint fine bars	109,217.20
Clips, tops, etc.	8,043.30
Uncurrent coin	73,528.66
Unrefined	<u>2,561,912.89</u>
Total	<u>2,890,671.10</u>

Troy ozs.

Minor Coinage Metals

Copper	72,432.12
Nickel	114,241.80
Tin	65,892.31
Zinc	88,080.25
Clips, tops, etc., Nickel	3,795.00
" " " Bronze	8,965.90
Ingots, Bronze	31,354.20
Uncurrent coin	4,113.11
Scrap, Nickel & Bronze	<u>7,979.51</u>
Total	<u>396,854.20</u>

Respectfully,

Jos. W. Milson

Jos. W. Milson, Supt. M. & R. Dept.

February 1, 1927.

M. & R. Dept.

Bullion and Metals on hand at close of business, February 28, 1927.

Gold

Fine ozs.

Standard and Coin bars	215,981.572
Mint fine bars	309,846.565
Tops	343.737
Uncurrent coin	10,832.280
Unrefined	<u>642,965.642</u>
Total	<u>1,179,969.796</u>

Silver

Purchase bars	137,971.05
Mint fine bars	262,518.78
Clips, tops, etc.	8,043.30
Uncurrent coin	75,021.52
Unrefined	<u>2,433,745.83</u>
Total	<u>2,917,300.48</u>

Troy ozs.

Minor Coinage Metals

Copper	2,050,115.87
Nickel	395,758.47
Tin	59,046.31
Zinc	77,811.25
Clips, tops, etc., Nickel	3,276.60
" " " Bronze	4,987.80
Ingot, Nickel	8,657.40
" Bronze	38,561.20
Scrap, Nickel & Bronze	<u>9,211.78</u>
Total	<u>2,645,446.48</u>

Respectfully,

J. W. Milsom
 J. W. Milsom, Supt. M. & R. Dept.

March 1, 1927.

M. & R. Dept.

Bullion and Metals on hand at close of business, March 31, 1927.

	Fine ozs.
<u>Gold</u>	
Standard and Coin bars	233,701.462
Mint fine gold bars	309,848.565
Tops	343.737
Uncurrent coin	10,832.280
Unrefined	<u>702,972.993</u>
Total	<u>1,257,697.037</u>
<u>Silver</u>	
Mint fine bars	417,450.94
Clips, tops, etc.	9,869.13
Dollar ingots	36,734.40
Unrefined	<u>2,281,853.11</u>
Total	<u>2,745,907.58</u>
	Troy ozs.
<u>Minor Coinage Metals</u>	
Copper	1,841,690.87
Nickel	379,008.47
Tin	55,716.31
Zinc	72,816.25
Clips, tops, etc., Nickel	12,371.89
" " " Bronze	<u>33,195.77</u>
Total	<u>2,394,799.56</u>

Respectfully,

Joe W. Milsom
 Joe W. Milsom, Supt. M. & R. Dept.

April 2, 1927.

M. & R. Dept.

Bullion and Metals on hand at close of business, April 30, 1927.

<u>Gold</u>	Fine ozs.
Standard and Coin bars	855,318.442
Mint fine bars	309,846.588
Tops	543.737
Uncurrent coin	10,632.290
Unrefined	<u>753,920.746</u>
Total	<u>1,328,559.770</u>

<u>Silver</u>	
Mint fine bars	192,116.56
Clips, tops, etc.	10,370.25
Dollar ingots	37,008.54
Unrefined	<u>2,112,650.73</u>
Total	<u>2,352,346.06</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	1,841,690.97
Nickel	579,009.47
Tin	55,718.31
Lead	72,816.25
Clips, etc. Nickel	12,372.04
" " Bronze	33,195.77
Uncurrent Coin "	<u>972.80</u>
Total	<u>2,395,772.51</u>

Respectfully,

Joe W. Wilson
 Joe. W. Wilson, Supt. M. & R. Dept.

May 2, 1927.

M. & R. Dept.

Bullion and Metals on hand, at close of business, May 31, 1927

Gold

Standard and coin bars
Mint fine gold bars
Tops
Uncurrent coin

Unrefined

Total

Fine ozs.

278,423.715
309,846.565
343.737
10,832.280

798,842.265

1,396,268.562

Silver

Mint fine bars
Clips, tops, etc.
Dime ingots

Unrefined

Total

20,039.20
5,546.03
29,615.40

1,981,850.86

2,037,051.49

Troy ozs.

Minor Coinage Metals

Copper
Nickel
Tin
Zinc
Nickel clips, scrap, etc.
Bronze

Total

1,832,240.87
375,858.47
55,716.31
72,813.25
3,681.61
38,368.30

2,378,681.81

Respectfully,

Joe W. Milsom
Joe W. Milsom, Supt. M. & R. Dept.

June 1, 1927.

M. & R. Dept: Statistics, Fiscal Year 1927, U. S. Mint, Denver, Colo.

RECEIPTS

	Gold, Fine ozs.	Silver, Fine ozs.	Nickel, Troy ozs.	Bronze, Troy ozs.
Settlement June 30, 1926	749,525.435	2,806,539.42	773,174.97	443,308.27
Deposits	687,793.550	267,713.68		
Re-Deposits	70,854.957	62,563.53	436,515.70	992,178.30
Clippings		948,121.63	7,919.30	24,881.50
Condemned coin and blanks		24,522.91		
Treasury purchases		300,901.00	152,113.69	28,761.29
Uncurrent coin	20,443.728	357,666.20		
Supt.'s Bullion recovered	15.369	9.73		
Coiner's bars		94.21		
Shavings		7,778.47		
Proof metal	50.000			
Copper			1,893,666.66	2,759,985.42
Nickel			291,666.67	600,000.00
Copper trans. from Nickel acct.			3,555,056.99	4,846,115.28

Totals 1,528,683.039
Surplus 129.701

RETURNS

Ingots	79,269.967	2,651,750.44	1,636,336.40	3,881,286.80
Merchant bars	11,438.386		600,000.00	
Copper trans. to Bronze acct.				
Del'd in Settlement:				

Fine bars 285,589.182 34,027.30
Standard bars 271,399.024 1,997,827.65
Unparted bars 881,947.899 445.05
Proof, cornets, etc. 47.921 91,998.00
Uncurrent coin 120.361 1,232.86

Sweeps 17,169.50
Clippings 209.80
Condemned coin and blanks 926,097.76

Copper 368,735.97
Tin 2,104.00
Zinc 3,550,653.43
Nickel 4,403.56

Scrap
Totals 1,528,812.740 4,777,281.30 3,550,653.43 8,893.81
Wastage

M. & R. Dept., Denver, 1927 - Page 2

INGOT ROOM

Received
Ingots passed

	Gold, Fine ozs.	Silver, Fine ozs.	Nickel, Troy ozs.	Bronze, Troy ozs.
Received	45,416.413	2,668,889.11	1,662,908.98	3,913,347.01
Ingots passed	44,722.791	2,601,006.35	1,636,336.40	3,881,286.80

Number of melts
Passed first melting
Remelts

Number of melts	8	711	505	1,125
Passed first melting	8	704	505	1,125
Remelts		7		

REFINERY

Placed in process:

Crude with charges

" without "

.992 & over to aid processes

Unrefined retreated

Refined retreated to aid processes

Totals
Surplus

Placed in process:	12,601.231	822,610.30		
Crude with charges	148.701	1,313.08		
" without "	541.045			
.992 & over to aid processes	10,980.202	38,944.43		
Unrefined retreated		85,790.60		
Refined retreated to aid processes				
Totals	24,271.179	948,658.41		
Surplus	79,281	77.71		

Bullion returned:

Fine metal produced

.999 & over to aid processes

Electrolytic product

Other product

Totals

Bullion returned:	4,362.052	867,959.56		
Fine metal produced		9,160.21		
.999 & over to aid processes	19,968.408	71,616.35		
Electrolytic product				
Other product				
Totals	24,350.460	948,736.12		

Charges collected on bullion operated on
in the Refinery, \$11,761.21

Merchant bars

11,438.386

Mass Melts

25,843.138

14,891.51

Total metal operated on

106,991.551

3,640,223.05

1,665,813.96

3,903,876.01

Respectfully,

July 7, 1927.

Jos. W. Milson, Supt. M. & R. Dept.

M. & R. Dept.

M. & R. Salaries and Wages, Fiscal Year, 1926-1927

Salaries	\$9,134.00
Wages	<u>22,144.16</u>
Total	\$31,278.16

Divided as follows:

Administration	4,150.00
Refinery	10,620.81
Ingot room	<u>16,507.35</u>
Total	\$31,278.16

Respectfully,

Jos. W. Milsom
Jos. W. Milsom, Supt. M. & R. Dept.

July 7, 1927.

*all
must
pay*

M. & R. Dept.

M. & R. Salaries and Wages, Fiscal Year, 1927-1928

Salaries	\$9,134.00	
Wages	<u>22,144.16</u>	\$31,278.16

Divided as follows:

Administration	4,150.00	
Refinery	10,620.81	
Ingot room	<u>16,507.35</u>	31,278.16

Ingot room, by denominations:

Double eagles	78.47	
Standard Dollars	2,460.45	
Quarters	697.14	
Dimes	1,077.23	
Nickels	5,010.08	
	<u>6,983.08</u>	
Cents	<u>6,983.08</u>	16,507.35

Respectfully,

Jos. W. Milson
 Jos. W. Milson, Supt. M. & R. Dept.

July 8, 1927.

M. & R. Dept.

Bullion and Metals on hand at close of business, July 31, 1927.

<u>Gold</u>	Fine ozs.
Standard and Coin bars	371,328.273
Mint fine bars	285,589.182
Ingot tops bar	267.390
Unrefined	<u>894,478.997</u>
Total	<u>1,551,663.842</u>

<u>Silver</u>	
Mint fine bars	34,027.30
Uncurrent coin	91,998.00
Ingot tops bar	178.83
Unrefined	<u>2,037,516.28</u>
Total	<u>2,163,720.41</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	1,724,996.35
Nickel	368,735.97
Tin	53,856.96
Zinc	70,027.22
Clips, etc., Nickel	19,528.95
" " Bronze	<u>35,140.40</u>
Total	<u>2,272,335.85</u>

Respectfully,

Jos. W. Milsom
 Jos. W. Milsom, Supt. M. & R. Dept.

August 2, 1927.

M. & R. Dept.

Closing Balances, M. & R. Dept., Denver Mint, Fiscal Years 1926 & 1927

1926

<u>Gold</u>	Fine ozs.
Standard and Coin bars	103,306.101
Mint fine bars	321,956.482
D. E. Ingots	33,547.176
Unrefined	<u>290,849.334</u>
Total	<u>749,659.093</u>

<u>Silver</u>	
Purchase bars (Pittman)	152,733.49
Mint fine bars	154,029.18
Dime Ingots	50,742.09
Unrefined	<u>2,449,396.07</u>
Total	<u>2,806,900.83</u>

1927

<u>Gold</u>	
Standard and Coin bars	311,332.993
Mint fine bars	285,589.182
Ingot tops bar	267.390
Unrefined	<u>841,785.231</u>
Total	<u>1,438,974.686</u>

<u>Silver</u>	
Mint fine bars	34,027.30
Uncurrent coin	91,998.00
Ingot tops bar	178.83
Unrefined	<u>1,997,956.21</u>
Total	<u>2,124,160.34</u>

Respectfully,

Jos. W. Milsom
 Jos. W. Milsom, Supt. M. & R. Dept.

August 9, 1927.

M. & R. Dept.

Bullion and Metals on hand at close of business, August 31, 1927.

<u>Gold</u>	Fine ozs.
Standard and coin bars	342,783.314
Mint fine bars	263,708.571
Clips, tops, etc.	2,114.806
Unrefined	<u>945,697.206</u>
Total	<u>1,554,303.897</u>

<u>Silver</u>	
Mint fine bars	21,181.63
Clips, tops, etc.	1,473.89
Q.D. Ingots	7,477.29
Unrefined	<u>2,069,659.46</u>
Total	<u>2,099,792.27</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	1,642,696.35
Nickel	340,835.97
Tin	53,856.96
Zinc	70,027.22
Clips: Nickel	17,198.10
Bronze	32,385.60
Con'd Coin: Bronze	2,013.60
Ingots: Nickel	12,875.10
Scrap: Nickel	4,344.83
Bronze	<u>1,035.00</u>
Total	<u>2,177,268.73</u>

Respectfully,

Joe W. Milsom
 Joe W. Milsom, Supt. M. & R. Dept.

Sept. 2, 1927.

M. & R. Dept.

Bullion and Metals on hand at close of business, September 30, 1927.

	Fine Ozs.
<u>Gold</u>	
Standard and coin bars	404,994.280
Mint fine bars	263,708.571
Clips, tops, etc.	2,114.803
Uncurrent coin	538.529
Unrefined	<u>994,866.066</u>
Total	1,666,242.252

<u>Silver</u>	
Mint fine bars	15,907.07
Purchase bars	319,792.69
Dime ingots	21,769.47
Clips, tops, etc.	13,190.31
Unrefined	<u>2,115,081.50</u>
Total	2,465,741.04

	Troy ozs.
<u>Minor Coinage Metals</u>	
Copper	1,495,396.35
Nickel	291,735.97
Tin	53,856.96
Zinc	70,027.22
Clips: Bronze	34,116.90
Ingots: Nickel	22,289.00
Uncurrent Coin: Nickel	22,495.37
" " Bronze	79.48
Scrap: Nickel	7,671.63
Bronze	<u>1,035.00</u>
Total	1,998,703.88

Respectfully,

October 4, 1927.

Jos W. Milsom
 Jos. W. Milsom, Supt. M. & R. Dept.

M. & R. Dept.

Bullion and Metals on hand at close of business, October 31, 1927.

<u>Gold</u>	Fine Ozs.
Standard and coin bars	443,549.627
Mint fine bars	263,708.571
Clips, tops, etc.	2,114.803
Uncurrent coin	7,129.337
Unrefined	<u>1,038,713.514</u>
Total	1,755,215.252

<u>Silver</u>	
Mint fine bars	15,907.07
Purchase bars	248,349.26
Clips, tops, etc.	16,025.32
Uncurrent coin	54,687.37
Unrefined	<u>2,170,610.48</u>
Total	2,505,578.50

<u>Minor Coinage Metals</u>	Troy Ozs.
Copper	1,030,276.35
Nickel	291,735.97
Tin	44,064.96
Zinc	55,339.22
Clips: Nickel	602.10
" Bronze	6,108.00
Ingot: Bronze	38,095.30
Uncurrent coin: Nickel	22,526.14
Scrap: Nickel	2,012.13
" Bronze	<u>4,072.17</u>
Total	1,494,832.34

Respectfully,

November 3, 1927.

Joe W. Milsom
 Joe W. Milsom, Supt. M. & R. Dept.

not-
over

to sign-

ear-
over

Four (4) white porcelain rectangular filtering vessels, rounded corners (radius $4\frac{1}{2}$ ") with thick walls and rim, glazed throughout except outside bottom. Dimensions outside as follows:

Length	36"
Width	18"
Height	20- $\frac{1}{2}$ "
Wall thickness	$\frac{3}{4}$ "

The rim has a width of $1\frac{1}{4}$ " and a depth of $1\frac{1}{4}$ " from the lower point of which the side walls recede $\frac{5}{8}$ " and continue in a curved line to a constricted bottom $19\frac{1}{4}$ " x $19\frac{1}{2}$ " outside dimensions. In the inside of the vessel 3" from the bottom lugs for a strainer plate are to be provided on each of the four sides. These lugs to extend to within 4" of the corners. On account of the great weight (sometimes a thousand pounds) carried by the filter plate that rests upon these lugs, it may be necessary, instead of the shelf-like lug, to have the underpart of the lugs run down bracket-shape to the bottom of the vessel. In line with the inside bottom and in the center of a long side place a tapered hole, maximum diameter 2", for taking a rubber stopper.

Five (5) white porcelain jars, with strong rim, spout and two shell-shaped handles, glazed throughout except outside bottom. Dimensions as follows:

Outside diameter	22"
Height	21"
Wall thickness	$\frac{5}{8}$ "
Capacity	30 Gallons

Spout of adequate pouring capacity and handles 5" wide and with sufficient depth to take the fingers.

Eight (8) white porcelain covers (watch glass shape) glazed throughout except the rim. Dimensions as follows:

Diameter	23- $\frac{1}{2}$ "
Radius of curvature	2"
Thickness	$\frac{3}{8}$ "

Cover to have a 4" hole in center and two diametrically opposed ear-shaped handles $4\frac{1}{2}$ " x 1". Handles to have same thickness as the cover and attached to it at the rim and in its plane.

November 8, 1927.

M. & R. Dept.

Requisition for New Work and Repairs in Refinery:

One lead-lined wood condenser, to be placed immediately above the top of nitrate hood, of the same general construction as the condenser on third floor.

Repair lead-lined filter box.

In the air duct from the melting room to fan chamber, close all holes that have been cut into it and insert the necessary baffles.

Cut out a 6" x 6" piece from back part of one furnace top.

One wood flux box of 3 compartments: two 18" x 18", and one 12" x 18", the box to be 32" high, with lid.

Repair floor and steam valves in drying chamber.

Cover sump drain hole in sweeps cellar floor with cement covering.

Cover floor of bins in sweeps cellar with iron plate.

Put oil drain cock on small blower that furnishes air for cells.

Small asbestos shield on top of one furnace.

Large portable sheet-iron shield on rollers.

Information as to details will be furnished by the M. & R.

Nov. 11, 1927.

Joe W. Milson

Supt. M. & R. Dept.

M. & R. Dept.

Bullion and Metals on hand at close of business, November 30, 1927.

<u>Gold</u>	Fine ozs.
Standard and coin bars	476,238.584
Mint fine bars	263,708.571
Clips, tops, etc.	2,114.803
Uncurrent coin	7,129.337
Unrefined	<u>1,083,579.286</u>
Total	<u>1,832,769.581</u>

<u>Silver</u>	
Mint fine bars	15,907.07
Purchase bars	248,548.26
Clips, tops, etc.	16,361.75
Uncurrent coin	54,687.37
Unrefined	<u>2,226,553.27</u>
Total	<u>2,561,857.72</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	442,746.35
Nickel	283,635.97
Tin	32,236.98
Zinc	37,597.22
Clips: Nickel	4,275.00
Bronze	4,161.00
Ingots: Nickel	25,961.70
Bronze	21,082.10
Uncurrent coin: Nickel	2,545.90
Tops, Kings, etc: Nickel	3,718.77
Bronze	<u>10,213.37</u>
Total	<u>868,174.34</u>

Respectfully,

J. W. Wilson
 J. W. Wilson, Supt. M. & R. Dept.

December 1, 1927.

M. & R. Dept.

Bullion and Metals on hand at close of business, December 31, 1927

Gold

Fine ozs.

Standard and Coin bars	497,278.164
Mint fine bars	262,100.902
Clips, tops, etc.	2,624.455
Uncurrent coin	7,129.337
Unrefined	<u>1,128,931.581</u>
Total	<u>1,898,064.439</u>

Silver

Mint fine bars	15,907.07
Purchase bars	177,154.28
Clips, tops, etc.	8,226.41
Uncurrent coin	21,441.78
Dime ingots	7,345.08
Unrefined	<u>2,286,058.81</u>
Total	<u>2,516,133.43</u>

Minor Coinage Metals

Troy ozs.

Copper	2,410,639.68
Nickel	269,235.97
Tin	25,452.96
Zinc	27,421.22
Clips: Nickel	204.00
Bronze	7,849.20
Ingots: Bronze	10,321.20
Tops, Kings, etc.: Nickel	680.48
Bronze	<u>10,762.89</u>
Total	<u>2,762,567.60</u>

Respectfully,

Jos. W. Milsom

Jos. W. Milsom, Supt. M. & R. Dept.

January 4, 1928.

M. & R. Dept.

Bullion and Metals on hand at close of business, January 31, 1928

<u>Gold</u>	Fine ozs.
Coin bars	496,117.838
Mint fine bars	294,358.604
Uncurrent coin	7,506.371
Clips, tops, etc.	2,624.455
Unrefined	<u>1,148,595.647</u>
Total	<u>1,949,202.915</u>

<u>Silver</u>	
Mint fine bars	47,933.55
Purchase bars	134,813.75
Uncurrent coin	74,784.87
Clips, tops, etc.	13,515.12
Unrefined	<u>2,346,363.49</u>
Total	<u>2,617,410.78</u>

<u>Minor coinage metals</u>	Troy ozs.
Copper	2,154,609.68
Nickel	245,135.97
Tin	21,584.96
Zinc	21,619.22
Ingots: Nickel	12,784.30
Bronze	13,900.70
Clips: Nickel	1,218.00
Bronze	858.80
Uncurrent coin, Nickel	22,506.80
Tops, kings, etc.: Nickel	3,998.51
Bronze	<u>10,816.72</u>
	<u>2,509,033.66</u>

Respectfully,

Joe W. Milson
Joe W. Milson, Supt. M. & R. Dept.

February 2, 1928.

M. & R. Dept.

Bullion and Metals on hand at close of business, February 29, 1928

<u>Gold</u>	Fine ozs.
Standard and coin bars	511,211.359
Mint fine bars	356,321.113
Clips, tops, etc.	2,624.455
Uncurrent coin	7,506.371
Unrefined	<u>1,131,992.970</u>
Total	<u>2,009,656.268</u>

<u>Silver</u>	
Mint fine bars	118,215.02
Purchase bars	115,664.22
Clips, tops, etc.	13,515.12
Uncurrent coin	75,448.86
Unrefined	<u>2,344,189.37</u>
Total	<u>2,667,032.59</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	1,860,087.68
Nickel	234,542.19
Tin	14,100.00
Zinc	17,200.22
Clips, etc. Nickel	9,517.30
Bronze	12,916.20
Ingots Nickel	13,033.20
Bronze	69,771.10
Tops, Kings, etc. Nickel	1,721.01
Bronze	<u>8,089.65</u>
Total	<u>2,240,978.55</u>

Respectfully,

J. W. Milsom
 J. W. Milsom, Supt. M. & R. Dept.

March 3, 1928.

U. S. Dept.

Bullion and Metals on hand at close of business, March 31, 1928.

Gold

Fine ozs.

Standard and coin bars	522,037.906
Mint fine bars	428,450.846
Clips, tops, etc.	2,624.455
Uncurrent coin	7,781.652

Unrefined	<u>1,101,656.587</u>
-----------	----------------------

Total	<u>2,062,551.246</u>
-------	----------------------

Silver

Mint fine bars	227,751.95
Purchase bars	115,664.22
Clips, tops, etc.	13,515.12
Uncurrent coin	89,837.98

Unrefined	<u>2,289,861.54</u>
-----------	---------------------

Total	<u>2,736,630.81</u>
-------	---------------------

Troy ozs.

Minor Coinage Metals

Copper	1,645,047.68
Nickel	193,642.19
Tin	70,066.41
Zinc	102,148.80
Clips, Nickel	4,673.00
Bronze	13,613.90
Tags, Nickel	15,998.60
Bronze	13,926.70
Tops, tags, etc., Nickel	2,961.50
Bronze	<u>8,725.32</u>

Total	<u>2,071,004.10</u>
-------	---------------------

Respectfully,

John W. Milson
 John W. Milson, Supt. U. S. & R. Dept.

April 3, 1928.

M. & R. Dept.

Bullion and Metals on hand at close of business, April 30, 1928.

Gold

Fine ozs.

Standard and Coin bars	536,397.594
Mint fine bars	491,920.493
Clips, tops, etc.	2,624.455
Uncurrent coin	11,919.910
Unrefined	<u>1,086,737.595</u>
Total	<u>2,129,600.047</u>

Silver

Mint fine bars	311,480.79
Purchase bars	115,664.22
Clips, tops, etc.	13,515.12
Uncurrent coin	152,579.69
Unrefined	<u>2,256,164.82</u>
Total	<u>2,849,404.64</u>

Troy ozs.

Minor Coinage Metals

Uncurrent coin, Nickel	9,074.49
Copper	1,418,072.68
Nickel	149,492.19
Tin	68,076.41
Zinc	99,163.80
Clips, etc., Nickel	33,766.50
Bronze	4,270.90
Ingots, Nickel	34,936.10
Bronze	10,182.10
Tops, kings, scrap, Nickel	13,330.20
Bronze	<u>10,800.06</u>

Total 1,851,165.43

Respectfully,

Jos W. Milson

Jos. W. Milson, Supt. M. & R. Dept.

May 3, 1928.

M. & R. Dept.

Bullion and Metals on hand at close of business, May 31, 1928

<u>Gold</u>	Fine ounces
Standard and Coin bars	557,595.275
Mint fine bars	556,551.075
Clips, tops, etc.	2,870.152
Uncurrent coin	11,919.910
Unrefined	<u>1,070,429.980</u>
Total	<u>2,199,366.392</u>

<u>Silver</u>	
Mint fine bars	394,947.47
Purchase bars	115,563.92
Clips, tops, etc.	13,515.12
Uncurrent coin	195,793.90
Unrefined	<u>2,217,799.23</u>
Total	<u>2,937,619.64</u>

<u>Minor Coinage Metals</u>	Troy ounces
Copper	1,213,892.68
Nickel	140,192.19
Tin	64,428.41
Zinc	93,691.80
Clippings: Nickel	29,661.80
Bronze	3,657.90
Ingots: Nickel	6,539.90
Bronze	13,781.50
Tops, etc.: Nickel	2,429.00
Bronze	1,087.00
Kings, scrap, etc.: Nickel	3,383.19
Bronze	<u>7,720.82</u>
Total	<u>1,583,496.19</u>

Respectfully,

Joe W. Milson
 Joe W. Milson, Supt. M. & R. Dept.

June 2, 1928.

M. & R. Dept. Statistics, Fiscal Year 1928, U. S. Mint, Denver, Colo.

RECEIPTS

	Gold, Fine ozs.	Silver, Fine ozs.	Nickel, Troy ozs.	Bronze, Troy ozs.
Settlement, June 30, 1927	1,432,984.026	2,124,298.00	1,314,317.03	957,934.67
Deposits	834,610.383	528,621.00		
Re-Deposits	82,452,406	44,821.08		
Clippings	69,176.997	276,189.26	593,860.60	892,355.10
Condemned coin & blanks	11,883.681	13,197.24	15,558.10	30,750.30
Treasury purchases		500,524.08		
Uncurrent & mutilated coin	11,919.910	249,213.98	114,771.14	32,557.56
Supt.'s bullion recovered	16.112	16.07		
Coiner's bars	1,096.754	49.33		
Proof metal	50.000			
Copper				2,333,333.33
Tin				57,910.41
Zinc				87,864.58

Totals 2,450,190.270
Surplus 104.591

3,735,930.04
963.26

2,038,506.87

4,392,715.95

RETURNS

Ingot	205,788.078	777,908.88	1,740,593.10	3,310,136.30
Merchant bars	5,311.908	3,109.06		
Delivered in settlement:				
Fine bars	554,478.283	516,678.34		
Coin standard bars	572,762.138			
Unparted bars	1,111,690.524	2,242,889.49		
Proof, cornets, etc.	51.739	523.60		
Uncurrent coin		195,989.67		
Sweeps	212.191	594.28		
Clippings			3,717.10	11,497.40
Condemned coin & blanks			2,026.60	940.30
Copper			184,925.82	903,946.32
Nickel			120,910.41	62,951.57
Tin				94,427.35
Zinc				3,089.30
Scrap			2,731.50	

Totals 2,450,294.861
Wastage

3,737,893.30

2,034,834.53
3,672.34

4,386,987.54
5,722.41

M. & R. Dept., Denver, 1928 - page 2

Gold, Fine ozs. Silver, Fine ozs. Nickel, Troy ozs. Bronze, Troy ozs.

INGOT ROOM

Received
Ingots passed

211,153.498
205,788.078

824,939.77
777,908.88

1,915,064.84
1,740,523.10

3,461,743.16
3,310,136.30

Number of melts
Passed first melting
Remelts
Condemned

37
37

219
205
3
1

580
500
40

987
915
38

REFINERY

Placed in process:

Crude with charges

" without "

.992 & over to aid processes

Unrefined retreated

Refined retreated to aid processes

268,143.230
15,523.083
697.534
96,872.545

275,913.93
8,661.01
67,515.15
101,454.57
41,398.98

Totals
Surplus

381,235.392
69.641

494,963.67
593.41

Bullion returned:
Fine metal produced
Electrolytic product
Other product

Totals

394,450.173
86,872.198
381,122.371

431,108.21
3,515.79
60,933.08
495,557.08

Charges collected on bullion operated
on in the Refinery, \$19,437.69

Merchant bars manufactured

Mass melts

Total metal operated upon

5,311.908
3,614.258
601,342.700

3,109.06
2,595.68
1,325,684.25

1,915,064.84

3,461,743.16

Respectfully,

Jos. W. Kileom, Supt. M. & R. Dept.

JULY 3, 1928.

M. & R. Dept.

Bullion and Metals on hand at close of business, June 30, 1928.

<u>Gold</u>	Fine ozs.
Standard and coin bars	573,308.907
Mint fine bars	554,478.283
Unrefined	<u>1,111,303.094</u>
Total	<u>2,239,090.284</u>

<u>Silver</u>	
Mint fine bars	401,314.42
Purchase bars	115,563.92
Uncurrent coin	195,989.67
Ingot tops bar	263.16
Unrefined	<u>2,242,780.93</u>
Total	<u>2,955,912.10</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Copper	1,068,872.14
Nickel	120,910.41
Tin	62,951.57
Zinc	94,427.35
Clippings: Nickel	3,717.10
Bronze	11,427.40
Con'd Coin: Nickel	2,026.60
Bronze	940.30
Scrap: Nickel	2,731.50
Bronze	<u>3,088.30</u>
Total	<u>1,371,162.67</u>

Respectfully,

John W. Milson
 Jos. W. Milson, Supt. M. & R. Dept.

July 3, 1928.

Denver, Colo., June 25, 1928.

Messrs. T. J. Quirk,
E. J. Murphy, and
W. L. Hill,
Settlement Commission.

Gentlemen:

Compartment in basement of new vault, now ready for permanent seal, contains the following bullion:

	Page	
Mint Fine Gold, 1926	1	262,100 702
Do 1928	2	279,746 895
Gold Dep. Coin bars, 1926	3	6,875 944
Do 1927	3-10	167,510 406
Do 1928	11-22	294,451 558
Re-Dep. Coin bars, 1926	23	4,116 540
Do 1927	23-26	39,694 833
Do 1928	27-31	60,111 857
TOTAL		1,114,608 735

Vault H on the mezzanine floor, now ready for permanent seal, contains the following bullion:

	Page	
Re-Deposits, 1925	32-34	8,329 233-34,181 15
Do 1926	35-39	24,823 311-38,144 17
Do 1927	40-45	30,527 224-62,115 19
Do 1928	46-49	21,947 452-44,576 62
Mass Melts, 1926	50	11,847 849- 8,648 16
Do 1927	50	25,843 138-14,891 51
Do 1928	50	3,606 714- 2,561 23
Gold Deposits, 1921	51	2,228 983- 655 47
Do 1922	51	4,231 640- 2,207 57
Do 1923	51	690 842- 475 88
Do 1926	52-54	49,822 614- 9,963 19
Do 1927	55-68	287,036 712-71,291 63
Silver Deposits, 1921	78	7 727-18,304 24
Do 1924	69-77	4,224 264-327,436.66
Do 1927	107-108	653 285- 38,060.68
TOTAL		475,820 993-671,515.35

Respectfully,

Jos. W. Milson, Supt. M. & R. Dept.

Summary of 1928 Settlement, M. & R. Dept., Denver Mint

Vault H

Gold, Fine ozs. Silver, Fine ozs.

G.Dep. '21-'27
ReDep. '25-'28
S.Dep. '21, '24, '27
Mass Melts, '26-'28

344,010.791	84,593.74
85,627.225	179,017.13
4,885.276	381,803.58
<u>41,297.701</u>	<u>26,100.90</u>

UNDER SEAL

475,820.993	671,515.35
-------------	------------

Basement of New Vault

M.F.Gold, '26, '28
G.Dep. Coin bars, '26-'28
ReDep. " " '26-'28

541,847.597
468,837.908
<u>103,923.230</u>

UNDER SEAL

1,114,608.735

Vault L

G.Dep '27 (Chloride)
G.Dep. '28
Small bars, Dp. '28

28,397.829	2,011.43
465,275.035	140,571.59
<u>357.611</u>	<u>391.41</u>

494,030.475	142,973.43
-------------	------------

Silver Room

S.Dep. '25, '25, '26, '28

50,778.542	1,321,002.08
------------	--------------

Vault G

Ref. Set. '28 (Gold)
Do '27, '28 (Silver)
M.F.Gold '28
M.F.Silver '27, '28
Ingot Tops bars
Assayer's bars, '28
Grains bar, '28

59,468.610	11,591.01
30,658.836	95,044.84
12,630.686	
	13,050.07
547.769	263.16
350.648	484.56
<u>35.651</u>	<u>33.06</u>

103,692.200	120,446.70
-------------	------------

Make-up Room

Purchase Silver, '28
M.F.Silver, '28

115,563.92
<u>398,264.35</u>
503,828.27

Assayer's Proof, etc. (Re-delivered)

51.739	523.60
--------	--------

Uncurrent Silver Coin

195,989.67

Sweeps

<u>212.191</u>	<u>594.26</u>
----------------	---------------

GRAND TOTAL

2,239,194.875	2,956,875.36
---------------	--------------

Balances charged, June 30

<u>2,239,090.284</u>	<u>2,955,912.10</u>
----------------------	---------------------

SURPLUS

104.591	963.26
---------	--------

For ReDelivery, all items except
Sweeps

<u>2,238,982.684</u>	<u>2,956,281.10</u>
----------------------	---------------------

M. & R. Dept.

M. & R. Salaries and Wages, Fiscal Year, 1927-1928

Salaries	\$8,081.60	
Wages	<u>21,916.99</u>	\$29,998.59

Divided as follows:

Administration	4,150.00	
Refinery	10,738.68	
Ingot room	<u>15,109.93</u>	29,998.59

Ingot room, by denomination:

Double eagles	264.59	
Dimes	1,566.06	
Cents	7,057.97	
Nickels	<u>6,221.31</u>	15,109.93

(Including \$21.15
Mfg. Co. & Civil Serv.)
Respectfully,

✓
B. 12.15
A 9.00

Jos. W. Milson
Jos. W. Milson, Supt. M. & R. Dept.

July 9, 1928.

U. S. Salaries and Wages, Fiscal Year, 1927-1928.

Salaries (Wilson, St. John, Spencer, Borstadt)	\$8,081.60
(Wilson, \$3,000	
St. John, 2,300	
Spencer, 1,561.60 (\$1860 - W.C. work, \$198.40)	
- Messenger 100.00)	
	298.40)
Borstadt, 1,220 (3 mos. & 3 das.)	
8,081.60	
Wages (Waters, Ingot & Ref'y men)	21,916.99
Total	\$29,998.59

Divided as follows:

Administration (all of Wilson's, $\frac{1}{2}$ of St. John's)	4,150.00
Refinery (Borstadt's, \$1,220	
($\frac{1}{2}$ St. John's 1,150	
(Wages of men 8,368.66	10,738.66
Ingot room (Spencer's 1,561.60	
(Wages 13,548.33	15,109.93
Total	29,998.59

Ingot room by denominations:

Double eagles (37 melts	37 x 7.15093	264.59
Dimes (219 "	219 x "	1,566.06
Cents (987 "	987 x "	7,057.97
Nichels (580 " at $1\frac{1}{2}$ times	870 x "	6,221.31
Total 2113	2113	15,109.93

\$15,109.93 divided by 2113 gives \$7.150,93 plus per melt

M. & R. Dept.

Bullion and Metals on hand at close of business, July 31, 1928

Gold

Fine ozs.

Standard and coin bars
Mint fine gold bars

588,129.429
554,478.283

Unrefined

1,153,651.395

Total

2,296,259.107Silver

Mint fine bars
Purchase bars
Ingot Tops bar
Uncurrent coin

401,314.42
115,563.92
263.16
195,989.67

Unrefined

2,276,212.08

Total

2,989,343.35Minor coinage metals

Troy ozs.

Copper
Nickel
Tin
Zinc
Clippings: Nickel
 Bronze
Con'd Coin: Nickel
 Bronze
Scrap: Nickel
 Bronze

1,068,872.14
120,910.41
62,951.57
94,427.35
3,717.10
11,497.40
2,026.66
961.30
2,731.50
3,088.30

Total

1,371,183.67

Respectfully,

Jos. W. Milsom

Jos. W. Milsom, Supt. M. & R. Dept.

July 31, 1928.

M. & R. Dept.

Bullion and Metals on hand at close of business, August 31, 1928

	Fine ozs.
<u>Gold</u>	
Standard and coin bars	605,435.249
Mint fine gold	554,478.283
Ingot tops	547.769
Unrefined	<u>1,203,122.304</u>
Total	<u>2,363,583.605</u>

<u>Silver</u>	
Mint fine bars	401,314.42
Purchase "	3,211.68
Uncurrent coin	68,729.67
Ingot tops	382.88
Clips & con'd coin	15,991.70
Unrefined	<u>2,309,605.81</u>
Total	<u>2,799,243.16</u>

	Troy ozs.
<u>Minor Coinage Metals</u>	
Copper	871,082.14
Nickel	116,160.41
Tin	59,087.57
Zinc	88,631.35
Clips, Nickel	6,624.20
Ingots, Nickel	5,969.90
Bronze	20,754.80
Tops and Scrap, Nickel	1,829.97
Bronze	<u>5,939.97</u>
Total	<u>1,176,080.31</u>

Respectfully,

Jos. W. Milsom
 Jos. W. Milsom, Supt. M. & R. Dept.

Sept. 4, 1928.

M. & R. Dept.

Bullion and Metals on hand at close of business, September 30, 1928.

<u>Gold</u>	Fine ozs.
Standard and coin bars	625,569.926
Uncurrent coin	3,430.658
Ingot tops	547.769
Mint fine bars	554,478.283
Unrefined	<u>1,248,268.697</u>
Total	<u>2,432,295.333</u>

<u>Silver</u>	
Purchase bars	3,211.68
Mint fine bars	401,314.42
Uncurrent coin	107,776.55
Clips, con'd coin, etc.	33,083.46
Ingot tops	389.88
Unrefined	<u>2,346,914.81</u>
Total	<u>2,892,690.80</u>

Minor Coinage Metals

Electrolytic copper	329,334.25
Shot nickel	78,658.30
Uncurrent coin, Nickel	19,107.40
Tin	49,747.57
Zinc	74,621.35
Clips: Nickel	3,112.40
Bronze	6,619.70
Con'd coin, Bronze	506.90
Ingots: Nickel	6,471.60
Bronze	10,437.70
Tops, kings, etc.: Nickel	2,761.00
Bronze	898.20
Scrap: Nickel	488.42
Bronze	<u>6,293.52</u>
Total	<u>589,058.31</u>

Respectfully,

John W. Milson
 John W. Milson, Supt. M. & R. Dept.

Oct 2, 1928.

M. & R. Dept.

Bullion and Metals on hand at close of business, October 31, 1928.

Gold

Fine ozs.

Standard and coin bars	649,840.603
Uncurrent coin	3,430.658
Ingot tops	547.769
M.F. Gold	554,478.283

Unrefined	1,293,842.626
-----------	---------------

Total	2,502,139.939
-------	---------------

Silver

M.F. Silver	208,672.69
Uncurrent coin	510.08
Ingot tops	332.82
Clips & Con'd coin	9,234.58

Unrefined	2,894,244.34
-----------	--------------

Total	2,612,994.41
-------	--------------

Minor Coinage Metals

Troy ozs.

Electrolytic copper	2,281,805.82
Shot nickel	352,455.86
Tin	42,978.04
Zinc	64,465.39
Clips: Nickel	3,339.00
Ingot: Nickel	13,128.30
Bronze	34,669.80
Tops, Kings, etc.: Nickel	4,814.30
Bronze	4,214.90
Scrap: Nickel	5,650.27
Bronze	3,088.31

Total	2,810,638.29
-------	--------------

Respectfully,

Joe W. Milson

Joe. W. Milson, Supt. M. & R. Dept.

Nov. 3, 1928

M. & R. Dept.

Bullion and Metals on hand at close of business, October 31, 1928

	Fine ozs.
<u>Gold</u>	
Standard and coin bars	649,840.603
Uncurrent coin	3,430.658
Ingot tops	547.769
Mint fine gold	554,478.283
Unrefined	<u>1,293,842.626</u>
Total	<u>2,502,139.939</u>
<u>Silver</u>	
Mint fine silver	208,672.69
Uncurrent coin	510.08
Ingot tops	332.82
Clips, etc.	9,234.58
Unrefined	<u>2,394,244.24</u>
Total	<u>2,612,994.41</u>
<u>Minor Coinage Metals</u>	Troy ozs.
Electrolytic copper	2,279,793.43
Shot nickel	352,404.21
Tin	42,883.86
Zinc	64,325.91
Clips: Nickel	3,369.00
Ingots: Nickel	13,128.30
Bronze	34,669.80
Tops, kings, etc.: Nickel	4,814.30
Bronze	4,214.90
Scrap: Nickel	206.56
Bronze	<u>10,828.02</u>
Total	<u>2,810,638.29</u>

Respectfully,

Jos. W. Milson
 Jos. W. Milson, Supt. M. & R. Dept.

Nov. 3, 1928.

M. & R. Dept.

Bullion and Metals on hand at close of business, November 30, 1928.

<u>Gold</u>	Fine ozs.
Standard and coin bars	667,090.926
Uncurrent coin	3,430.658
Ingot tops	547.769
Mint fine gold	551,943.917
Unrefined	<u>1,342,234.943</u>
Total	<u>2,565,248.213</u>

<u>Silver</u>	
Mint fine silver	208,672.69
Uncurrent coin	510.08
Ingot tops	332.82
Clips & con'd coin	9,234.58
Unrefined	<u>2,437,063.85</u>
Total	<u>2,655,814.02</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Electrolytic copper	1,594,941.08
Shot nickel	317,439.03
Ti ^x	30,609.28
Zinc	45,913.92
Clips, Nickel	6,667.50
Ingots, Bronze	45,268.20
Tops, kings, etc.: Nickel	1,597.10
Bronze	17,868.55
Scrap: Nickel	21.36
Bronze	<u>2,820.37</u>
Total	<u>2,063,146.39</u>

Respectfully,

Joe W. Milsom

 Jos. W. Milsom, Supt. M. & R. Dept.

December 4, 1928.

M. & R. Dept.

January 5, 1929.

Bullion and Metals on hand at close of business, December 31, 1928.

	Fine ozs.
<u>Gold</u>	
Standard and coin bars	680,282.849
Uncurrent coin	6,877.432
Ingot tops	547.769
Mint fine gold	551,943.917
Unrefined	<u>1,393,525.361</u>
Total	<u>2,632,977.328</u>

<u>Silver</u>	
Mint fine silver	186,452.68
Uncurrent coin	65,141.90
Ingot tops	332.82
Clippings & Con'd coin	9,234.58
Unrefined	<u>2,491,421.54</u>
Total	<u>2,752,583.52</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Electrolytic copper	967,986.65
Shot nickel	302,689.02
Tin	77,324.11
Zinc	115,012.72
Ingot, Bronze	34,309.90
Tops, Kings, etc.: Nickel	1,282.00
Bronze	6,734.45
Wastage: Nickel	58.34
Bronze	<u>4,044.93</u>
Total	<u>1,509,442.12</u>

Respectfully,

 Acting Supt. M. & R. Dept.

M. & R. Dept.

February 2, 1929

Bullion and Metals on hand at close of business, January 31, 1929.

	Fine ozs.
<u>Gold</u>	
Standard and coin bars	702,899.150
Uncurrent coin	6,677.432
Ingot tops	547.769
Mint fine gold	546,362.526
Unrefined	1,441,481.587
Total	2,697,968.464
<u>Silver</u>	
Mint fine silver	204,276.44
Uncurrent coin	64,631.82
Ingot tops	332.82
Clippings & Con'd coin	9,234.58
Unrefined	2,508,827.93
Total	2,787,303.59
<u>Minor Coinage Metals</u>	Troy ozs.
Electrolytic copper	606,339.21
Shot nickel	288,027.13
Tin	70,934.44
Zinc	105,428.22
Ingots, Bronze	20,592.20
Clippings, etc., Nickel	10,595.50
Tops, Kings, etc., Nickel	3,474.00
Bronze	8,138.35
Wastage, Nickel	82.94
Bronze	4,609.46
Total	1,118,221.45

Respectfully,

Jos. W. Milsom

Jos. W. Milsom, Supt. M. & R. Dept.

M. & R. Dept.

March 4, 1929.

Bullion and Metals on hand at close of business, February 28, 1929.

Gold

Fine ozs.

Standard and coin bars	719,967.250
Mint Fine bars	633,123.000
Uncurrent coin	7,538.520
Ingot tops	547.769
Unrefined bullion	<u>1,397,045.119</u>
Total	<u>2,758,221.658</u>

Silver

Mint fine bars	268,448.50
Uncurrent coin	129,394.83
Clips & Con'd coin	9,234.58
Ingot tops	332.82
Unrefined bullion	<u>2,473,306.16</u>
Total	<u>2,880,716.89</u>

Minor Coinage Metals

Troy ozs.

Electrolytic copper	347,879.18
Shot Nickel	274,369.66
Tin	66,063.86
Zinc	98,122.35
Clippings: Nickel	2,434.00
Bronze	8,008.90
Con'd Coin & Blanks: Nickel	236.50
Kings: Nickel	2,160.50
Bronze	3,022.80
Tops & Scrap: Nickel	264.00
Bronze	1,308.00
Wastage: Nickel	115.66
Bronze	<u>4,947.47</u>
Total	<u>808,932.88</u>

Respectfully,

Joseph W. Milson
 Jos. W. Milson, Supt. M. & R. Dept.

M. & R. Dept.

March 4, 1929.

MINOR COINAGE METALS and ALLOY COPPER on hand, February 28, 1929.

	Feb. 28/29 Weights Troy ozs.	M. & R. Accounts Troy ozs.
Electrolytic Copper	553,539.58	
Miscellaneous "	979.00	
Total "	<u>554,518.58</u>	
Less ALLOY COPPER	<u>185,234.64</u>	
Net Copper MINOR COINAGE A/c	<u>369,283.94</u>	
	Nickel A/c	297,757.86
	Bronze "	<u>50,121.32</u>
Shot Nickel	277,972.92	274,369.86
Nickel Clips	2,434.00	2,434.00
" Con'd Coin & Blanks	236.50	236.50
" Tops & Scrap	264.00	264.00
" Kings	2,160.50	2,160.50
" WASTAGE		<u>115.66</u>
Bronze Clips	8,008.90	8,008.90
" Tops & Scrap	1,308.00	1,308.00
" Kings	3,022.80	<u>3,022.80</u>
Tin	52,806.25	66,063.86
Zinc	82,585.42	98,122.35
Alloy (40% Tin; 60% Zinc)	37,086.17	
Bronze WASTAGE		<u>4,947.47</u>
Totals	<u>837,169.40</u>	<u>608,932.88</u>
ALLOY COPPER	185,234.64	185,234.64

Nickel Metal operated upon, July 1, 1928-Feb. 28, 1929	875,777.36
" WASTAGE	<u>115.66</u>
Bronze Metal operated upon, ditto	3,795,908.17
" WASTAGE	<u>4,947.47</u>

Respectfully,

John Milson Supt. M. & R. Dept

M. & R. Dept.

April 3, 1929.

Bullion and Metals on hand at close of business, March 31, 1929.

<u>Gold</u>	Fine, ozs.
Standard and coin bars	740,338.808
Mine fine bars	695,064.802
Uncurrent coin	7,538.520
Ingot tops	547.769
Unrefined	<u>1,376,827.256</u>
Total	<u>2,820,315.155</u>

<u>Silver</u>	
Mint fine bars	347,894.28
Uncurrent coin	129,394.83
Clippings & Con'd coin	9,234.58
Ingot tops	332.82
Unrefined	<u>2,419,436.18</u>
Total	<u>2,906,292.69</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Electrolytic copper	1,921,312.07
Shot nickel	274,369.66
Tin	50,065.96
Zinc	74,125.49
Clippings: Nickel	2,434.00
Con'd coin: "	236.50
Mut. " "	40.25
Tops "	264.00
Kings "	2,160.50
Ingots: Bronze	37,636.40
Tops "	3,627.90
Kings	1,748.30
Wastage: Nickel	115.66
Bronze	<u>6,968.69</u>
Total	<u>2,375,105.38</u>

Respectfully,

Jos. W. Milson
 Jos. W. Milson, Supt. M. & R. Dept.

M. & R. Dept.

May 3, 1929

Bullion and Metals on hand at close of business, April 30, 1929

	Fine ozs.
<u>Gold</u>	
Standard and coin bars	748,947.019
Mint fine bars	766,318.072
Uncurrent coin	7,538.520
Ingot tops	547.769
Unrefined	<u>1,351,109.158</u>
Total	<u>2,874,460.538</u>
<u>Silver</u>	
Mint fine bars	438,004.01
Uncurrent coin	129,394.83
Clippings & Con'd Coin	9,234.58
Ingot tops	332.82
Unrefined	<u>2,348,492.35</u>
Total	<u>2,925,458.59</u>
	Troy ozs.
<u>Minor Coinage Metals</u>	
Electrolytic Copper	1,159,336.49
Shot Nickel	278,028.10
Tin	35,151.76
Zinc	56,103.68
Clips, Nickel	2,434.00
Con'd Coin & Blanks, Nickel	236.50
Mutilated Coin, Nickel	124.98
Ingots, Bronze	44,132.60
Kings, Nickel	2,160.50
Bronze	4,145.80
Tops, Nickel	264.00
Bronze	3,219.80
Wastage, Nickel	115.66
Bronze	<u>10,509.54</u>
Total	<u>1,595,963.41</u>

Respectfully,

Joe W. Milson
 Jos. W. Milson, Supt. M. & R. Dept.

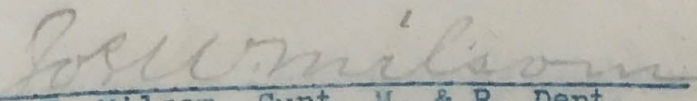
M. & R. Dept.

May 4, 1929.

Bullion and Metals on hand at close of business, April 30, 1929

	Fine ozs.
<u>Gold</u>	
Standard and coin bars	748,947.019
Mint fine bars	766,318.072
Uncurrent coin	7,538.520
Ingot tops	547.769
Unrefined	<u>1,351,109.158</u>
Total	<u>2,874,460.538</u>
<u>Silver</u>	
Mint fine bars	438,004.01
Uncurrent coin	129,394.83
Clippings & Con'd coin	9,234.58
Ingot tops	332.82
Unrefined	<u>2,348,492.35</u>
Total	<u>2,925,458.59</u>
<u>Minor Coinage Metals</u>	
Electrolytic Copper	1,159,696.65
Shot Nickel	278,003.10
Tin	35,158.82
Zinc	56,114.26
Clips, Nickel	2,434.00
Con'd Coin & Blanks, Nickel	236.50
Mutilated Coin, Nickel	124.98
Ingots, Bronze	44,132.60
Kings, Nickel	2,160.50
Bronze	4,145.80
Tops, etc., Nickel	264.00
Bronze	3,219.80
Wastage, Nickel	115.66
Bronze	<u>10,156.74</u>
Total	<u>1,595,963.41</u>

Respectfully,


 Jos. W. Milsom, Supt. M. & R. Dept.

M. & R. Dept.

June 3, 1929.

Bullion and Metals on hand at close of business, May 31, 1929.

	Fine ozs.
<u>Gold</u>	
Standard and Coin bars	750,758.402
Mint fine bars	865,065.841
Uncurrent coin	9,842.049
Ingot tops	547.789
Unrefined	<u>1,295,399.486</u>
Total	<u>2,921,613.547</u>

<u>Silver</u>	
Mint fine bars	537,667.28
Uncurrent coin	229,125.28
Clippings & Con'd coin	9,234.58
Ingot tops	332.82
Unrefined	<u>2,267,274.96</u>
Total	<u>3,043,634.92</u>

Minor Coinage Metals

	Troy ozs.
Electrolytic Copper	446,058.65
Shot Nickel	278,003.10
Tin	22,441.82
Zinc	31,271.26
Clips, Nickel	2,434.00
Con'd Coin & Blanks, Nickel	236.50
Mutilated Coin, Nickel	124.98
Uncurrent " "	18,763.64
Ingots, Bronze	23,725.90
Kings, Nickel	2,160.50
Bronze	1,797.90
Tops, Nickel	264.00
Bronze	5,217.20
Wastage, Nickel	115.66
Bronze	<u>12,777.87</u>
Total	<u>843,390.98</u>

Respectfully,

Frederick M. ... Supt. M. & R. Dept.

M. & R. Dept.

June 30, 1929

Bullion and Metals on hand at close of business, June 30, 1929

Gold

Fine ozs.

Standard and Coin bars	753,284.333
Mint fine bars	864,013.765
Ingot tops bar	408.473
Unrefined	<u>1,341,873.246</u>
Total	<u>2,959,579.817</u>

Silver

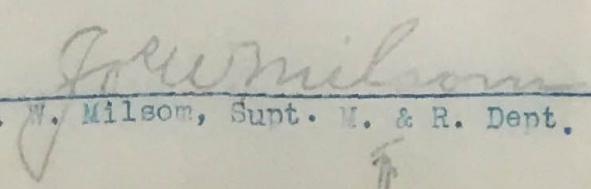
Mint fine bars	535,357.85
Quarter dollar ingots	11,081.07
Uncurrent coin	229,354.74
Unrefined	<u>2,286,778.17</u>
Total	<u>3,062,571.83</u>

Troy ozs.

Minor Coinage Metals

Electrolytic Copper	390,173.08
Shot Nickel	278,121.67
Tin	21,561.32
Zinc	29,216.76
Nickel Clips, Blanks, etc.	2,670.50
" Tops and Kings	2,424.50
" Uncurrent coin	16,763.64
" Mutilated "	148.75
" Wastage	115.66
Bronze Clips, Blanks, etc.	131,681.10
" Tops and Kings	3,682.75
" Mutilated coin	15.90
" Wastage	<u>12,680.42</u>
Total	<u>889,256.05</u>

Respectfully,


 Jos. W. Milson, Supt. M. & R. Dept.

M. & R. Dept.

June 30, 1929.

Bullion and Metals on hand at close of business, June 30, 1929.

<u>Gold</u>	Fine ozs.
Standard and Coin bars	753,284.333
Mint fine bars	864,013.765
Ingot tops bar	408.473
Unrefined	<u>1,341,873.246</u>
Total	<u>2,959,579.817</u>
<u>Silver</u>	
Mint fine bars	535,357.85
Quarter dollar ingots	11,081.07
Uncurrent coin	<u>229,354.74</u>
Unrefined	<u>2,286,778.17</u>
Total	<u>3,062,571.83</u>
<u>Minor Coinage Metals</u>	Troy ozs.
Electrolytic Copper	390,210.26
Shot Nickel	278,084.49
Tin	21,561.32
Zinc	<u>29,216.76</u>
Nickel Clips, Blanks, etc.	2,670.50
" Tops and Kings	2,424.50
" Uncurrent coin	16,763.64
" Mutilated "	148.75
" Wastage	115.66
Bronze Clips, Blanks, etc.	131,681.10
" Tops and Kings	3,882.75
" Mutilated coin	15.90
" Wastage	<u>12,680.42</u>
Total	<u>889,256.05</u>

Respectfully,

Jos. W. Milson
 Jos. W. Milson, Supt. M. & R. Dept.

M. & R. Dept. Statistics, Fiscal Year, 1929, U. S. Mint, Denver, Colo.

RECEIPTS

	Gold, Fine ozs.	Silver, Fine ozs.	Nickel, Troy ozs.	Bronze, Troy ozs.
Settlement, June 30, 1928	2,238,982.684	2,956,281.10	294,311.43	1,076,851.24
Deposits	605,703.103	354,560.35		
Redeposits	116,478.997	36,378.58		
Clippings		261,989.82	236,356.20	1,788,004.70
Condemed coin blanks	9,842.049	7,262.50	678.10	5,295.20
Uncurrent & mutilated coin	16.977	1,291.88	5,398.80	18,089.90
Supt.'s Bullion recovered		268,172.16	82,494.85	21,956.07
Coiner's bars		13.64		
Proof metal	100.000	48.35		
Copper purchased		80.00		
trans. from Nickel acct.			966,666.66	3,721,404.76
Tin				500,000.00
Zinc			285,269.92	60,559.15
Shot Nickel				94,214.77

Totals
Surplus

2,973,123.810
129.910

3,686,078.16
998.29

1,861,175.96

7,286,375.79

RETURNS

Ingot
Merchant bars
Copper trans. to Bronze acct.
Delivered in Settlement

11,024.596
2,519.398

823,506.35

849,988.80

6,928,306.90

Ingot
Fine bars
Coin standard bars
Unparted bars
Proof, cornets, etc.
Uncurrent coin
Mutilated "

864,013.765
753,284.333
1,342,099.006
96.219

11,081.07
535,357.85
2,286,532.83
262.65
229,354.74

16,763.64
148.75

15.90

Sweeps
Condemed coin and blanks
Clippings
Electrolytic copper
Tin
Zinc
Shot Nickel
Serap (tops, kings, etc.)

286.404

980.98

236.50
2,434.00
230,979.62

1,026.90
130,354.30
159,230.84
21,561.32
29,213.73

Totals
Wastage

2,973,253.720

3,887,076.47

1,881,060.30
115.66

7,273,695.37
12,680.42

INGOT ROOM

	Gold, Fine ozs.	Silver, Fine ozs.	Nickel, Troy ozs.	Bronze, Troy ozs.
Received	11,441.993	873,933.01	885,360.86	7,002,774.97
Ingots passed	11,024.595	834,587.42	849,988.80	6,926,306.90

Number of melts passed, first melting	2	228	260	211
Remelts	2	221	260	2,011
Condemned	0	7	0	0

REFINERY

Placed in process:

Crude with charges	330,256.526	338,095.33
" without "	11,816.961	2,640.13

.992 & over to aid processes

Unrefined, retreated

Refined, retreated to aid processes

Totals

Surplus

Bullion returned:

Fine metal produced

Settlement bars

Assay samples

Sweeps

Totals

Merchant bars

Mass Melts

Total metal operated upon

Charges collected on bullion operated upon in the Refinery, \$22,205.69

June 30, 1929.

Jos. W. Milson
 Jos. W. Milson, Supt. M. & R. Dept.

M. & R. Dept.

July 3, 1929

M. & R. Salaries and Wages, Fiscal Year, 1928-1929

Salaries	\$9,234.26	
Wages	<u>25,851.64</u>	<u>\$35,085.90</u>
Divided as follows:		
Administration	4,783.26	
Refinery (incl. \$3.38, Mass M.)	12,154.63	
Ingot room	<u>18,148.01</u>	35,085.90

Ingot room by denominations:

Double Eagles	13.79	
Dimes	882.58	
Quarters	689.52	
Cents	13,866.23	
Nickels	2,689.13	
Mass Melt	3.38	
Merchant bar melt	<u>3.38</u>	18,148.01
Refinery proper		12,151.25
Mass melt		<u>3.38</u>
Total Operative		30,302.64
Administrative		<u>4,783.26</u>
Total		<u>35,085.90</u>

Respectfully,

Jos. W. Mileson
Jos. W. Mileson, Supt. M. & R. Dept.

M. & R. Salaries and Wages, Fiscal Year, 1928-1929.

Salaries (Milson, St. John, Spencer, Borstadt)

39,234.26

Milson,	3,533.28	
St. John,	2,499.96	
Spencer,	1,716.03	(1,920 - W.O. work)
Borstadt	1,484.99	(2,600 - Assay work)
	<u>9,234.26</u>	

25,851.64

Wages (Waters, Ingot & Ref'y men)

Total

35,085.90

Divided as follows:

Administration (all Milson's, $\frac{1}{2}$ St. John's)

4,783.26

Refinery (Borstadt,	1,484.99		
$\frac{1}{2}$ St. John	1,249.98		
* Wages	<u>9,419.66</u>	(incl. 3.88 Mass M)	12,154.63
* (incl. $\frac{1}{2}$ Waters)			
Ingot (Spencer	1,716.03		
** (Wages	<u>18,431.98</u>	(incl. 6.76 Mass & Exp)	18,148.01
** (incl. $\frac{3}{4}$ Waters)			
		Total	35,085.90

Ingot Room by Denomination:

D.E.	2 melts		2 x \$6,895,191	13.79
Dimes	128	"	128	882.58
Quarters	100	"	100	689.52
Cents	2011	"	2011	13,866.23
Nickels	260	" at $1\frac{1}{2}$ times	390	2,669.13
Mass melt			2631	3.38
Merchant bar melt				<u>3.38</u>
		Total		18,148.01

Ingot expense proper (18,148.01 less 6.76 for Mass and Merchant melts)
18,141.25 divided by 2631 (unit melt number) equals \$6,895,191

July 3, 1929.

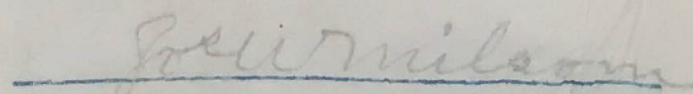
M. & R. Dept.

July 31, 1929

Bullion and Metals on hand at close of business, July 31, 1929.

<u>Gold</u>	Fine ozs.
Coin bars	239.882
Mint fine bars	10,747.904
Ingot tops bar	408.473
Unrefined	<u>1,386,705.706</u>
Total	<u>1,398,101.965</u>
<u>Silver</u>	
Mint fine bars	535,357.85
Quarter dollar ingots	11,081.07
Uncurrent coin	229,354.74
Unrefined	<u>2,302,335.14</u>
Total	<u>3,078,128.60</u>
	Troy ozs.
<u>Minor Coinage Metals</u>	
Electrolytic copper	390,210.26
Shot nickel	278,084.49
Tin	21,561.32
Zinc	29,216.76
Nickel clips, blanks, etc.	2,670.50
" tops and kings	2,424.50
" Uncurrent coin	16,763.64
" mutilated "	242.96
Bronze clips, blanks, etc.	131,681.10
" tops and kings	3,682.75
" mutilated coin	<u>86.47</u>
Total	<u>876,624.75</u>

Respectfully,



Jos. W. Milsom, Supt. M. & R. Dept.



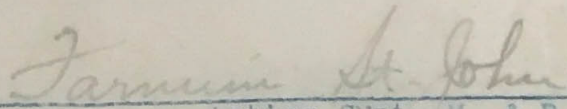
M. & R. Dept.

September 6, 1929.

Bullion and Metals on hand at close of business, August 31, 1929.

	Fine ozs.
<u>Gold</u>	
Coin bars	528.179
Mint fine bars	10,747.904
Ingot tops bar	408.473
Unrefined	<u>1,430,883.412</u>
Total	<u>1,442,567.968</u>
<u>Silver</u>	
Mint fine bars	470,126.79
Dime ingots	3,713.36
Clips and tops	8,761.14
Uncurrent coin	185,082.21
Unrefined	<u>2,319,530.48</u>
Total	<u>2,987,213.98</u>
	Troy ozs.
<u>Minor Coinage Metals</u>	
Electrolytic copper	2,409,091.52
Shot nickel	173,184.48
Tin	21,561.32
Zinc	29,216.76
Nickel clips	23,042.80
" tops and kings	5,369.20
" ingots	13,053.30
" scrap	24,260.17
Bronze clips, etc.	132,395.60
" Tops and kings	3,682.75
" mutilated coin	<u>86.47</u>
Total	<u>2,834,944.37</u>

Respectfully,



Acting Supt. M. & R. Dept.

M. and R. Dept.

October 8, 1929.

Bullion and Metals on hand at close of business, Sept. 30, 1929.

<u>Gold</u>	Fine ozs.
Coin bars	1,009.707
Mint Fine bars	10,747.304
Ingot tops bar	409.473
	<hr/>
Unrefined	1,475,252.521
	<hr/>
Total	1,487,418.605

<u>Silver</u>	
Mint Fine bars	317,423.48
Quarter dollar ingots	25,510.14
Clips and tops	4,038.84
Uncurrent coin	149,205.32
	<hr/>
Unrefined	2,336,537.12
	<hr/>
Total	2,852,714.90

Minor Coinage Metals

	Troy Ozs.
Electrolytic copper	2,128,429.38
Shot nickel	372,004.25
Tin	80,373.74
Zinc	148,338.13
Nickel clips	2,000.00
" tops, and kings	5,310.30
" ingots	25,472.00
" scrap	18,943.12
" Uncurrent coin	22,556.76
Bronze clips, etc.	132,395.60
" tops and kings	3,682.75
" mutilated coin	118.41
" Uncurrent	6,144.20
	<hr/>
Total	3,945,969.64

Respectfully,

John Wilson
Supt. M. & R. Dept.

Treasury

U. S. Mint,
U. S. Mint,

Mint

Denver,
Denver, Colo.

Colo.

S. R. Whitaker, Foreman.

Arthur C. Eggert

40

Male

207 Walnut St.

Denver,

Colo.

xxxxxxxxxx

Yes

White

Yes

No.

No.

No.

Melter - Ingot Melting Room

Yes

5 years, 5 months, & 25 days

5 years, 5 months, & 25 days.

None.

6.15

Dien

xxxxxxxxxxxxxxxxxxxxxxxxxxxx

xxxxxxxxxxxxxxxxxxxxxxxxxxxx

8 A.M.

4 P.M.

8

6

August 8th, 1929.

Tuesday

1.30 P.M.

In front of furnace #5 - Ingot Melting Room.
Furnace.

While turning on the air blast to the
furnace, after having charged the crucible with a bundle of clip,
a hot spark flew from the furnace striking employee in the left
eye.

Left eye. - Eye-ball burned

slightly by a hot spark.

No.

Dr. Melville Black

21 1/2 hours

None

Dr. Melville Black

No time off for disability.

One hour, October 9, 1929. - One hour, Oct. 10, 1929.

None.

Yes.

No.

19th October
U. S. Mint, Denver, Colo.

6

M. & R. Dept.

November 8, 1929.

Bullion and Metals on hand at close of business, October 31, 1929.

Gold

	Fine ozs.
Coin bars	1,418.923
Mint fine bars	10,747.904
Ingot tops	408.473
Uncurrent coin	6,623.979
Unrefined	<u>1,513,537.713</u>
Total	<u>1,532,734.992</u>

Silver

Mint fine bars	151,008.86
Half Dollar ingots	29,401.43
Ingot tops	576.18
Uncurrent coin	33,414.48
Unrefined	<u>2,352,744.14</u>
Total	<u>2,567,145.09</u>

Minor Coinage Metals

Electrolytic copper	1,856,595.37
" nickel	287,898.03
Tin	79,921.11
Zinc	147,281.97
Nickel Con'd Coin & Blanks	116.30
Bronze Clips	110,205.50
" Ingots	47,379.20
Nickel Tops & Kings	1,843.90
Bronze "	219.00
" Scrap	3,151.90
Nickel Wastage	5,214.16
Bronze "	<u>320.33</u>
Total	<u>2,540,146.77</u>

Troy ozs.

Nov 6/29

1856,051.20
288,442.20

Respectfully,

Jos. W. Milsom
 Jos. W. Milsom, Supt. M. & R. Dept.

Changed as above to conform to Dunckley's "pure" metal figures
 He charges Nickel Mint. coin as all Nickel
 M & R Dept accounts for it as $\frac{3}{4}$ Cu + $\frac{1}{4}$ Ni.

December 3, 1929.

M. & R. Dept.

Bullion and Metals on hand at close of business, November 30, 1929.

	Fine ozs.
<u>Gold</u>	
Coin bars	1,927.948
Mint fine bars	10,747.904
Ingot tops	408.473
Uncurrent coin	9,820.593
Unrefined	<u>1,552,456.366</u>
Total	<u>1,575,361.284</u>
<u>Silver</u>	
Mint fine bars	53,412.38
Half dollar ingots	18,504.27
Clips, tops, etc.	7,022.57
Unrefined	<u>2,370,321.56</u>
Total	<u>2,449,260.78</u>
<u>Minor Coinage Metals</u>	Troy ozs.
Electrolytic copper	1,498,591.57
" nickel	288,442.20
Tin	72,243.34
Zinc	129,367.17
Nickel con'd coin & blanks	116.30
" uncurrent coin	24,932.16
" mutilated "	58.77
" tops, kings, & scrap	7,058.06
Bronze ingots	23,569.50
" clips	4,000.00
" tops, kings, & scrap	<u>4,907.30</u>
Total	<u>2,053,286.37</u>

Respectfully,

Jos. W. Milsom
 Jos. W. Milsom, Supt. M. & R. Dept.

January 3, 1930.

M. & R. Dept.

Bullion and Metals on hand at close of business, December 31, 1929

<u>Gold</u>	Fine oza.
Coin bars	8,277.702
Mint fine bars	8,684.611
Uncurrent coin	9,820.593
Ingot tops	408.473
Unrefined	<u>1,597,458.552</u>
Total	<u>1,624,649.931</u>

<u>Silver</u>	19,831.05
Mint fine bars	5,135.35
Clips, com'd coin & tops	
Unrefined	<u>2,401,010.88</u>
Total	<u>2,425,977.28</u>

Minor Coinage Metals

Electrolytic copper	791,580.73
" nickel	274,903.97
Tin	63,775.11
Zinc	109,607.97
Tops, kings, scrap -- Nickel	24,154.29
" " " -- Bronze	10,846.40
Bronze ingots	<u>20,244.70</u>
Total	<u>1,295,113.17</u>

Respectfully,

Joe W. Milson
 Joe W. Milson, Supt. M. & R. Dept.

M. & R. Dept.

February 3, 1930

Bullion and Metals on hand at close of business, January 31, 1930

<u>Gold</u>	Fine ozs.
Coin bars	4,445.690
Mint fine bars	37,410.387
Uncurrent coin	9,820.593
Ingot tops	408.473
Unrefined	<u>1,621,288.048</u>
Total	<u>1,673,373.191</u>

<u>Silver</u>	
Mint fine bars	76,943.88
Purchase bars	501,390.57
Clips, con'd coin & tops	5,135.35
Unrefined	<u>2,361,549.09</u>
Total	<u>2,945,018.89</u>

<u>Minor Coinage Metals</u>	Troy ozs.
Electrolytic copper	2,743,385.73
" nickel	274,903.97
Tin	57,751.11
Zinc	95,551.97
Bronze ingots	23,585.60
Tops, kings, scrap -- Nickel	24,154.29
" " -- Bronze	8,748.43
Nickel mutilated coin	<u>141.89</u>
Total	<u>3,228,522.99</u>

Respectfully,

Jos. W. Milson
 Jos. W. Milson, Supt. M. & R. Dept.

March 4, 1930.

M. & R. Dept.

Bullion and Metals on hand at close of business, February 28, 1930.

	Fine ozs.
<u>Gold</u>	
Coin bars	4,973.887
Mint fine bars	108,307.143
Uncurrent coin	9,820.593
Ingot tops	408.473
Unrefined	<u>1,596,539.262</u>
Total	<u>1,720,049.358</u>

<u>Silver</u>	
Mint fine bars	162,609.77
Purchase " (fine)	501,390.57
Clips, con'd coin & tops	5,135.35
Unrefined	<u>2,293,826.21</u>
Total	<u>2,962,961.90</u>

Minor Coinage Metals

	Troy ozs.
Electrolytic copper	2,330,435.73
" nickel	274,903.97
Tin	51,226.11
Zinc	80,326.97
Bronze ingots	30,054.20
Nickel mutilated coin	288.16
Tops, kings, scrap--Nickel	24,154.29
" " " Bronze	<u>13,588.97</u>
Total	<u>2,804,978.40</u>

Respectfully,

Jos. W. Milsom

 Jos. W. Milsom, Supt. M. & R. Dept.

M. & R. Dept.

April 2, 1930.

Bullion and Metals on hand at close of business, March 31, 1930.

<u>Sold</u>	Fine ozs.
Coin bars	5,453.966
Mint fine bars	181,942.725
Uncurrent coin	10,612.386
Ingot tops	408.473
Unrefined	<u>1,563,785.492</u>
Total	<u>1,762,203.042</u>

<u>Silver</u>	
Mint fine bars	275,386.89
Purchase " (fine)	501,390.57
Clips, con'd coin & tops	5,135.35
Uncurrent coin	76,128.71
Unrefined	<u>2,209,824.33</u>
Total	<u>3,067,865.85</u>

Minor Coinage Metals

	Troy ozs.
Electrolytic copper	1,838,050.75
" nickel	274,903.97
Tin	43,451.61
Zinc	62,186.47
Bronze ingots	30,275.60
Nickel uncurrent coin	23,500.04
" mutilated "	288.16
" tops, kings, scrap	24,154.29
Bronze " " "	<u>17,375.42</u>
Total	<u>2,314,186.29</u>

Respectfully,

Jarvis St. John
 Acting Supt. M. & R. Dept.

May 5, 1930.

M. & R. Dept.

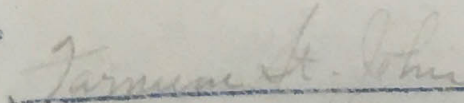
Bullion and Metals on hand at close of business, April 30, 1930.

	Fine ozs.
<u>Gold</u>	
Coin bars	5,933.397
Mint fine bars	252,963.819
Uncurrent coin	10,612.388
Ingot tops	408.473
Unrefined	<u>1,541,623.101</u>
Total	<u>1,811,541.178</u>

<u>Silver</u>	
Mint fine bars	363,559.16
Purchase " (fine)	501,390.57
Coin bars	75,936.87
Clips, Con'd coin & tops	5,135.35
Unrefined	<u>2,161,619.16</u>
Total	<u>3,107,641.11</u>

	Troy ozs.
<u>Minor Coinage Metals</u>	
Electrolytic copper	1,349,180.73
" nickel	274,903.97
Tin	33,159.61
Zinc	46,748.47
Bronze ingots	33,631.10
Nickel uncurrent coin	23,500.04
" mutilated "	398.85
" tops, kings, scrap	24,154.20
Bronze " " "	<u>12,749.17</u>
Total	<u>1,802,126.23</u>

Respectfully,



Acting Supt. M. & R. Dept.

Deposits Delivered to Superintendent of Melti.

2-15785

DESCRIPTION	DISPOSITION OF BARS	ASSAY No.	NUMBER OF BARS	WEIGHT AFTER MELTING		
				BAR	SAMPLE	GRAINS
	1935					
		Gold.		587898	1885	1650
	8-20	G 1736-2	✓	132154	105	93
	✓	G 7-2	✓	133231	120	36
	8-20	G 8-2	✓	136012	98	50
	8-19	✓ 9	M7	330	14	02
	175.116.67	✓ 1740	"	643	25	01
	11.965.00	✓ 1	"	2138	28	02
1190 78	187081.67	✓ 2	"	3383	31	02
23	✓ 3	✓ 3	"	1195	20	03
11245.01	✓ 4	✓ 4	"	3805	47	02
	✓ 5	✓ 5	"	1038	25	02
	✓ 6	✓ 6	"	3769	34	02
	✓ 7	✓ 7	"	455	18	02
	✓ 8	✓ 8	"	425	24	01
	✓ 9	✓ 9	"	409	26	01
	✓ 1750	✓ 1750	"	540	27	01

June 30 1929 Shot m
used aug 1929

278084.49
104900.00

Bal aug 1929
used Sept 1929
Shot nickel

173187.49 Shot
941500.00
78684.49

Prin Sept Elec m
Bal Sept 1929
used Oct 1929

292031.25
370715.74 X?
87200.00
283515.74 X?

Nov
used Dec.

9200.00
274315.74 X?
2100.00

used May

272215.74

Deposits Delivered to Superintendent of Mills

Check No.
Number
Payable
Amount

Pay
Payable
Amount

M. & R. Dept.

June 5, 1930.

Bullion and Metals on hand at close of business, May 31, 1930

Gold

Fine ozs.

Coin bars	6,993.440
Mint fine bars	319,585.668
Uncurrent coin	17,199.465
Ingot tops	408.473
Unrefined	<u>1,521,236.808</u>
Total	<u>1,865,423.854</u>

Silver

Mint fine bars	493,739.02
Purchase bars (fine)	501,382.06
Coin bars	201,434.66
Uncurrent coin	2,135.98
Ingot tops	253.93
Unrefined	<u>2,083,600.96</u>
Total	<u>3,282,546.61</u>

Minor Coinage Metals

Troy ozs.

Electrolytic copper	855,523.52
" nickel	273,378.18
Tin	25,473.61
Zinc	28,814.47
Nickel ingots	19,212.30
" uncurrent coin	49,202.07
" scrap	25,096.61
Bronze ingots	26,956.50
" clippings	4,547.00
" scrap	<u>15,547.05</u>
Total	<u>1,323,754.31</u>

Respectfully,

Jos. W. Milson
 Jos. W. Milson, Supt. M. & R. Dept.

June 30, 1930

M. & R. Dept.

Bullion and Metals on hand at close of business, June 30, 1930

		Fine ozs.
<u>Gold</u>		
	Mint fine bars	315,891.038
	Coin bars	7,472.794
	Ingot tops bar	331,396
		<u>1,567,070.409</u>
	Unrefined	
	Total	<u>1,890,765.637</u>
<u>Silver</u>		
	Mint fine bars	493,739.02
	Purchase bars (fine)	501,382.06
	Coin bars	203,566.54
	Ingot tops bar	253.93
		<u>2,133,086.88</u>
	Unrefined	
	Total	<u>3,332,028.43</u>
		Troy ozs.
<u>Minor Coinage Metals</u>		
	Electrolytic Copper	623,906.52
	" Nickel	266,028.18
		24,737.61
	Tin	16,520.47
	Zinc	43,155.60
	Bronze Clippings	1,181.30
	" Con'd Coin & Blanks	18,315.60
	Nickel Scrap	2,171.90
	Bronze "	4,972.38
	Nickel Wastage	7,402.25
	Bronze "	
	Total	<u>1,010,391.81</u>

Respectfully,

Joe W. Milson

Joe. W. Milson, Supt. M. & R. Dept.

Summary of 1930 Settlement, M. & R. Dept., U. S. Mint, Denver

Gold, Fine ozs. Silver, Fine ozs.

Under Seal, 1928, Vault H		475,820.993	671,515.35
Gold Dep. 1928	Pp. 1-7	111,077.928	48,655.84
" " 1929	8-22	323,560.650	115,205.58
" " 1930	23-40	434,455.347	117,659.53
Sil. Dep. 1923	41-43	276.382	84,837.61
" " 1925	44-53	4,320.876	338,270.64
" " 1926	54-59	3,007.346	191,673.18
" " 1928	60-69	17,231.853	209,476.13
" " 1929	70-75	19,103.664	91,108.04
" " 1930	76-84	37,015.581	147,625.13
Re-Dep. 1929	85	2,510.168	7,297.99
" " 1930	86-88	11,596.378	21,849.60
"Coin B. 1930	88	5,265.933	---
M.F. Gold 1930	89-90	313,439.384 *	---
M.F. Sil. 1930	91-93	---	490,945.92
Purch. Sil. 1930	94-97	---	501,382.06
Coin bars 1930	98-99	---	203,566.54
Ref'y Gold Set. 1930	100	76,102.184	6,497.23
" Silver " 1930	101	47,308.766	78,295.87
Small Dep. 1930	102-103	901,315	508.01
G. Coin Dep. 1930	104	2,206.861	---
Miscellaneous	105	5,466.632	5,557.84
Sweeps	105	109.749	532.61
Grand Total in Settlement		1,890,777.790	3,332,460.70
Charged to Dept. June 30/30		1,890,765.637	3,332,028.43
SURPLUS		12.153	432.27

* Of this amount of M.F.G., 306,087.594 Fine ozs. delivered to Supt. of Mint, and stored in Basement Vault.

	Nickel Acct. Troy ozs.	Bronze Acct. Troy Ozs.
Delivered in Settlement P. 106	798,410.96	199,606.22
Wastages	4,972.38	7,402.25
Charged to Dept. June 30/30	803,383.34	207,008.47

Alloy Copper on hand	P. 106	127,586.39
----------------------	--------	------------

Summary of M. & R. Settlement, June, 1930

Summary of 1930 Settlement, M. & R. Dept., U. S. Mint, Denver

			Gold, Fine ozs.	Silver, Fine ozs.
Under Seal, 1928, Vault H			475,820.993	671,515.35
Gold Dep.	1928	Pp. 1-7	111,077.928	48,655.84
"	1929	8-22	323,560.650	115,205.58
"	1930	23-40	434,455.347	117,659.53
Sil. Dep.	1923	41-43	276.382	84,837.61
"	1925	44-53	4,320.876	338,270.64
"	1926	54-59	3,007.346	191,673.18
"	1928	60-69	17,231.653	209,476.13
"	1929	70-75	19,103.664	91,108.04
"	1930	76-84	37,015.581	147,625.13
Re-Dep.	1929	85	2,510.168	7,297.99
"	1930	86-88	11,596.378	21,849.60
"Coin B.	1930	88	5,265.933	---
M.F.Gold	1930	89-90	313,439.384 *	---
M.F.Silver	1930	91-93	---	490,945.92
Purch. Sil.	1930	94-97	---	501,382.06
Sil. Coin Bars	1930	98-99	---	203,566.54
Ref'y Gold Set.	1930	100	76,102.184	6,497.23
" Silver "	1930	101	47,308.766	78,295.87
Small Dep.	1930	102-103	901.315	508.01
G.Coin Dep.	1930	104	2,206.861	---
Miscellaneous		105	5,466.632	5,557.84
Sweeps		105	109.749	532.61
Total in Settlement			1,890,777.790	3,332,460.70
Charged to Dept. June 30/30			<u>1,890,765.637</u>	<u>3,332,028.43</u>
Surpluses			12.153	432.27

* Of this amount of M.F.G., 306,087.594 fine ozs. delivered to Superintendent of Mint, and stored in Basement Vault.

Refinery By-product:	Sponge	In Sweeps
Platinum	109.77 ozs.	21.53 ozs.
Palladium	13.23 "	1.16 "

	Nickel, Troy ozs.	Bronze, Troy ozs.
Delivered in Settlement, P. 106	798,410.96	199,606.22
Wastages	<u>4,972.38</u>	<u>7,402.25</u>
Charged to Dept. June 30/30	803,383.34	207,008.47

Alloy Copper on hand, P. 106 127,586.39 Troy ozs.

M. & R. Dept. Statistics, Fiscal Year, 1930, U. S. Mint, Denver, Colo.

RECEIPTS

	Gold, Fine ozs.	Silver, Fine ozs.	Nickel, Troy ozs.	Bronze, Troy ozs.
Settlement, June 30, 1929				
Deposits	1,352,875.129	3,062,569.14	531,071.50	345,588.47
Redeposits	528,461.542	284,740.46		
Clippings	20,338.091	23,620.71		
Condemned coin blanks		519,877.37	469,513.00	1,477,023.20
Treasury purchases		45,534.11	3,061.30	9,558.60
Supt.'s Bullion recovered		9,994.53	4,187.60	9,144.60
Uncurrent and mutilated coin		501,515.30		
Colner's bars	17,199.465	18.55		
Proof metals		327,014.73	109,229.89	28,875.05
Copper purchased	50.000			
transferred from Nickel acct.	-1,500,000.00		1,500,000.00	3,167,206.25
Tin				300,000.00
Zinc				58,719.79
Nickel				118,905.21

Totals

1,918,945.074	4,774,957.40	2,908,894.54	5,514,621.17
12.153	432.27	292,031.25	

RETURNS

Inkots	20,959.110	1,441,178.92	1,805,511.20	5,307,812.70
Merchant bars	7,220.327	1,750.05		
Copper transferred to Bronze acct.				
Delivered in settlement:				
Purchase bars			300,000.00	

Mint fine bars	515,891.038	501,382.06		1,181.30
Coin standard bars	7,472,794	493,739.02		43,155.60
Unparted bars	1,567,248.589	205,536.54		109,829.34
Proof, cornets, etc.	55.620	2,132,922.36		24,737.61
Sweeps	109.749	318.11		18,520.47
Condemned coin and blanks		532.61		
Clippings				
Copper				
Tin				
Zinc				
Nickel				
Scrap (tops, kings, etc.)				

Totals

1,918,957.327	4,775,389.67	2,903,922.16	5,507,418.92
		4,972.38	7,402.25
		18,315.60	
		366,029.16	
		514,067.18	
		2,171.90	

					Gold, Fine ozs.	Silver Fine ozs.	Nickel, Troy ozs.	Bronze, Troy ozs.
INGOT ROOM								
Received for Ingot work					21,302.568	1,643,655.69	1,856,200.38	5,389,026.60
Uncurrent coin					21,302.568	280,521.62	1,856,200.38	5,389,086.65
Totals					.882	82.00		
Surpluses								
Returned:					4.401	357.68	1,823,040.40	5,307,812.70
Ingot assays					20,959.110	1,610,421.78		4,547.00
Ingots, including Remelts & Replacements					8.543	285,010.62	7,689.50	69,324.65
Coin bars, Expl. bars, and Condemned melt					331.396	28,439.45	20,498.10	
Clippings						30.00		
Tops, etc.								
Sweeps					21,305.450	1,924,259.51	1,851,228.00	5,381,684.35
Totals							4,972.38	7,402.25
Wastages								
Ingot work:								
Received					21,302.568	1,643,655.69	1,856,200.38	5,389,086.60
Ingots passed					20,959.110	1,430,097.85	1,805,511.20	5,307,812.70
" replaced						113,746.95		
" condemned						3,635.28	17,529.20	
Number of melts					4	421	560	1,574
Passed first melting					4	402	556	1,574
Remelts						18		
Condemned						1	4	

M. & R. Statistics, Denver, 1930 - page 3

REFINERY

Placed in process:

Crude, with charges

" without "

.992 to .999, not required to aid

processes

.992 and over, required to aid processes

Unrefined, re-treated

Refined, re-treated to aid processes

Total

Surpluses

Bullion returned:

Fine metal produced

Settlement bars

Assay samples

Sweeps

Total

Gold, Fine ozs. Silver, Fine ozs. Nickel, Troy ozs. Bronze, Troy ozs.

314,556.681 432,133.25
5,642,367 7,356.59212.744 50,637.04
44,304.326 109,796.60
110,033.284 4,373.62
9,267.680484,017.062 604,297.08
12,332 374.66360,382.096 519,145.29
123,410.950 84,793.10
127,283 238.25
109.065 497.10

484,029.394 604,671.74

7,220.327

1,307.751 821.18

514,381.959 2,536,024.57 1,848,510.88 5,384,539.60

Total metal operated upon

Mass melts

Merchant bars manufactured

Charges collected on bullion operated upon

in the Refinery, \$23,418.54

Submitted June 30, 1930.

JOS. W. WILSON, Supt. M. & R. Dept.

Joseph W. Wilson

M. & R. Dept.

August 4, 1930.

Bullion and Metals on hand at close of business, July 31, 1930.

	Fine ozs.
<u>Gold</u>	
Mint fine bars	9,803.444
Coin bars	8,723.254
Ingot tops bar	331.396
Unrefined	<u>1,613,723.193</u>
Total	<u>1,632,581.287</u>
 <u>Silver</u>	
Mint fine bars	493,739.02
Purchase bars (fine)	501,382.06
Coin bars	203,566.54
Ingot tops bar	253.93
Unrefined	<u>2,199,021.44</u>
Total	<u>3,397,962.99</u>
 <u>Minor Coinage Metals</u>	
Electrolytic copper	623,906.52
" nickel	266,028.18
Tin	24,737.61
Zinc	18,520.47
Bronze clippings	43,155.60
" con'd coin & blanks	1,181.30
" scrap	2,171.90
" mutilated coin	16.48
Nickel scrap	18,315.60
" mutilated coin	<u>16.19</u>
Total	<u>998,049.85</u>

Respectfully,

Ernest St. John

Acting Supt. M. & R. Dept.

M. & R. Dept.

August 12, 1930.

M. & R. Salaries and Wages, Fiscal Year, 1929-1930

Salaries	\$10,430.60	
Wages	<u>27,034.91</u>	<u>\$37,545.51</u>

Divided as follows:

Refinery (incl. \$4.08 for Mass Melt)	15,402.48
Ingot (incl. \$5.15 for Merchant bar melt)	<u>22,143.03</u>

Ingot room by Denominations:

Double Eagles	31.33	
Half Dollars	1,265.02	
Quarter Dollars	799.54	
Dimes	1,004.11	
Nickels	6,593.93	
Cents	12,444.65	
Merchant bar melt	<u>5.15</u>	<u>22,143.03</u>

Refinery proper	15,398.40	
Mass melt	<u>4.08</u>	<u>15,402.48</u>
Total		<u>\$37,545.51</u>

Respectfully,

Farnum St. John

Acting Supt. M. & R. Dept.

August 12, 1930.

M. & R. Salaries and Wages, Fiscal Year, 1929-1930Salaries

\$10,460.60

Milson	\$4599.96	
St. John	2479.13	(2499.96 - Calc. wk.)
Spencer	1749.34	(1920.00 - W.G. wk.)
Borstadt	1632.17	(2600.00 - Assay wk.)

10,460.60

Wages (Waters, Ingot, and Refinery men)

27,084.91

Total

37,545.51

Divided as follows:

Refinery

Milson, $\frac{3}{4}$ Jan. to June	1,725.00
Borstadt -- all	1,632.17
St. John $\frac{3}{4}$ Jan. to June	937.48
Spencer $\frac{1}{4}$ " "	240.00
Waters $\frac{1}{2}$ of wages	465.60

Wages of ref'y men

10,402.23

15,402.48

Mass melt

4.08

Refinery proper

15,398.40

Ingot room

Milson, all July - Dec.)	
" $\frac{1}{4}$ Jan. - June)	2,874.96
St. John all July - Dec.)	
" $\frac{1}{4}$ Jan. - June)	1,541.65
Spencer all July - Dec.)	
" $\frac{3}{4}$ Jan. - June)	1,509.34

Waters $\frac{3}{4}$ of wages

1,396.75

Ingot men wages

14,820.33

22,143.03

Merchant bar melt

5.15

Ingot room proper

22,137.88

By denominations:

	D.E.	4 melts	4 x \$7.906,385	31.63
	Half Doll.	160	160	1,265.02
	Quar. "	101	101	798.54
	Dimes	127	127	1,004.11
	Cents	1574	1574	12,444.65
	Nickels	556 x $1\frac{1}{2}$	834	6,593.93
			2800	\$22,137.88

(\$22,137.88 +
2800 equals
\$7,906,385 per
melt)

August 13, 1930.

M. & R. Dept.

M. & R. Salaries and Wages, Fiscal Year, 1929-1930

Salaries	\$10,480.60	
Wages	<u>27,094.91</u>	\$37,545.51

Divided as follows:

Refinery (incl. \$4.08 for Mass melt)	15,402.48
Ingot room (incl. \$5.15 for Merchant bar melt)	<u>22,143.03</u>

Ingot cost by Denominations:

(Labor, Stores, Heat, Power, Light, etc., \$8,378.34, as per White)

	<u>General Dept.</u>	<u>M. & R. Dept.</u>
Double Eagles		30.70
Half Dollars	372.47	982.82
Quarter Dollars	235.12	220.41
Dimes	295.65	780.10
Nickels	2,589.70	6,830.56
Cents	<u>4,886.40</u>	<u>12,893.29</u>
	8,378.34	22,137.88
Merchant bar melt		<u>5.15</u>
Total Ingot		22,143.03
Refinery proper	15,398.40	
Mass melt	<u>4.08</u>	<u>15,402.48</u>
Total		<u>\$37,545.51</u>

Respectfully,

Jamieson St. John

Acting Supt. M. & R. Dept.

August 13, 1930.

M. & R. Salaries and Wages, Fiscal Year, 1929-1930Salaries

\$10,460.60

Milsom	\$4,599.96	
St. John	2,479.13	(\$2,499.96 - Calc. wk.)
Spencer	1,749.34	(1,920.00 - W.C. wk.)
Borstadt	1,632.17	(2,600.00 - Assay wk.)

10,460.60

Wages (Make-up, Ingot, and Refinery men)

27,084.91

Total

37,545.51

Divided as follows:

Refinery

Milsom, $\frac{3}{4}$ Jan. to June	1,725.00
Borstadt -- all	1,632.17
St. John $\frac{3}{4}$ Jan. to June	937.48
Spencer $\frac{1}{4}$ " " "	240.00
Waters $\frac{1}{4}$ of wages	465.60

Wages of refinery men 10,402.23

15,402.48

Mass melt

4.08

Refinery proper

15,398.40

Ingot room

Milsom, all July - Dec.)	
" $\frac{1}{4}$ Jan. - June)	2,874.96
St. John, all July - Dec.)	
" $\frac{1}{4}$ Jan. - June)	1,541.65
Spencer, all July - Dec.)	
" $\frac{3}{4}$ Jan. - June)	1,509.34
Waters, $\frac{3}{4}$ of wages	1,396.75
Ingot men's wages	14,820.33

22,143.03

Merchant bar melt

5.15

Ingot room proper

22,137.88

By denominations:	D.E.	4 melts * 1-1/3 = 5 x \$6.142,585	30.70
	H. Dol. 160	" 160	982.82
	Q. Dol. 101	" 101	620.41
	Dimes 127	" 127	780.10
	Cents 1574	" x 1-1/3 - 2099	12,893.29
	Nickels 556	" x 2 1112	6,830.56
		3604	22,137.88

\$22,137.88 + 3604 equals \$6.142,585 per melt

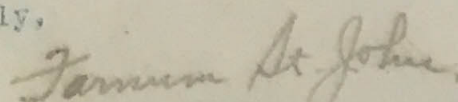
M. & R. Dept.

Sept. 3, 1930

Bullion and Metals on hand at close of business, August 31, 1930

<u>Gold</u>		Fine ozs.
Mint fine bars		36,396.958
Coin bars		9,203.243
Ingot tops bar		331.396
Uncurrent coin		2,023.822
Unrefined		<u>1,639,176.729</u>
Total		<u>1,687,132.148</u>
<u>Silver</u>		
Mint fine bars		509,574.23
Purchase bars (fine)		501,382.06
Coin bars (std.)		203,566.54
Ingot tops bar		253.93
Unrefined		<u>2,203,716.00</u>
Total		<u>3,418,492.76</u>
		Troy ozs.
<u>Nickel</u>		
Electrolytic Nickel		266,028.18
Mutilated coin		49.15
Scrap, tops, etc.		<u>4,578.90</u>
Total		<u>270,656.23</u>
<u>Bronze</u>		
Electrolytic copper		305,523.22
Tin		49,681.11
Zinc		93,915.72
Clips, Con'd coin & blanks		4,812.70
Tops, kings, and scrap		<u>5,645.77</u>
Total		<u>459,578.52</u>

Respectfully,



Acting Supt. M. & R. Dept.


M. & R. Dept.

October 1, 1930

Bullion and Metals on hand at close of business, September 30, 1930

<u>Gold</u>		Fine ozs.
	Mint fine bars	98,302.166
	Coin bars	2,931.065
	Ingot tops bar	331.396
	Uncurrent coin	2,023.822
	Unrefined	<u>1,636,354.156</u>
	Total	<u>1,739,922.607</u>
<u>Silver</u>		
	Mint fine bars	599,983.29
	Purchase bars (fine)	501,382.06
	Coin bars	203,586.54
	Ingot tops bar	253.93
	Unrefined	<u>2,127,456.33</u>
	Total	<u>3,432,642.15</u>
		Troy ozs.
<u>Nickel</u>		
	Electrolytic nickel	268,028.18
	" copper	798,084.54
	Mutilated coin	49.15
	Scrap	<u>18,315.60</u>
	Total	<u>1,082,477.47</u>
<u>Bronze</u>		
	Electrolytic copper	1,523,035.31
	Tin	44,881.11
	Zinc	62,715.72
	Ingots	16,788.20
	Scrap	<u>7,815.76</u>
	Total	<u>1,675,036.10</u>

Respectfully,


 Acting Supt. M. & R. Dept.

U. S. R. Dept.

November 4, 1930.

Bullion and Metals on hand at close of business, October 31, 1930

		Fine ozs.
<u>Gold</u>		
Mint fine bars		8,897.360
Coin bars		3,892.078
Ingot tops bar		331.396
Uncurrent coin		3,656.498
Unrefined		<u>1,640,750.814</u>
Total		<u>1,657,528.146</u>
<u>Silver</u>		
Mint fine bars		681,941.87
Purchase bars (fine)		501,382.06
Coin bars		226,207.75
Uncurrent coin		72,659.98
Unrefined		<u>2,064,396.71</u>
Total		<u>3,546,588.37</u>
		Troy ozs.
<u>Nickel</u>		
Electrolytic nickel		266,028.18
" copper		798,084.54
Mutilated coin		49.15
Uncurrent "		31,655.05
Scrap		<u>18,315.80</u>
Total		<u>1,114,132.52</u>
<u>Bronze</u>		
Electrolytic copper		1,288,385.31
Tin		41,176.11
Zinc		74,070.72
Tops, Kings, etc.		5,239.90
Ingots		10,167.70
Wastage		1,587.09
Uncurrent coin		<u>2,671.50</u>
Total		<u>1,423,298.33</u>

Respectfully,



 E. J. Wagon
 U. S. R. Dept.

M. & R. Dept.

December 4, 1930.

Bullion and Metals on hand at close of business, November 30, 1930

<u>Gold</u>	Fine ozs.
Mint fine bars	35,320.317
Coin bars	5,980.397
Ingot tops bar	331.396
Uncurrent coin	4,941.927
Unrefined	<u>1,638,472.803</u>
Total	<u>1,685,046.840</u>

<u>Silver</u>	
Mint fine bars	749,525.78
Purchase bars (fine)	501,382.06
Coin bars	333,986.56
Uncurrent coin	55,869.05
Unrefined	<u>2,011,893.62</u>
Total	<u>3,652,456.25</u>

	Troy ozs.
<u>Nickel</u>	
Electrolytic nickel	236,028.18
" copper	798,084.54
Mutilated coin	64.17
Uncurrent "	61,758.83
Scrap	<u>18,315.60</u>
Total	<u>1,144,251.32</u>

<u>Bronze</u>	
Electrolytic copper	1,169,825.31
Tin	39,304.11
Zinc	69,702.72
Ingot	6,821.30
Tops, Rings, etc.	6,182.50
Wastage	<u>1,682.73</u>
Total	<u>1,293,518.67</u>

Respectfully,


 E. J. Duggan
 M. & R. Dept.

M. & R. Dept.

January 5, 1931.

Bullion and Metals on hand at close of business, December 31, 1930.

Gold

Fine ozs.

Mint fine bars	35,718.878
Coin bars	8,745.181
Ingot tops bar	331.396
Uncurrent coin	4,941.927
Unrefined	<u>1,645,959.364</u>
Total	<u>1,695,694.744</u>

Silver

Mint fine bars	813,199.55
Purchase (fine) bars	501,382.06
Coin bars	389,785.24
Uncurrent coin	21.90
Unrefined	<u>1,966,423.69</u>
Total	<u>3,675,792.44</u>

Troy ozs.

Nickel

Electrolytic Nickel	255,728.18
" Copper	787,184.54
Uncurrent coin	44,758.83
Ingots	12,986.20
Scrap	20,934.20
Wastage	<u>744.13</u>
Total	<u>1,102,336.08</u>

Bronze

Electrolytic Copper	1,036,825.31
Tin	37,204.11
Zinc	64,802.72
Ingots	6,789.90
Scrap	9,403.90
Wastage	<u>1,895.42</u>
Total	<u>1,156,921.36</u>

Respectfully,


 E. J. Wagoner
 M. & R. Dept.

M. & R. Dept.

February 3, 1931.

Bullion and Metals on hand at close of business, January 31, 1931.

Gold

Fine ozs.

Mint fine bars	34,174.981
Coin bars	9,417.167
Ingot tops bar	331.396
Uncurrent coin	4,941.927
Unrefined	<u>1,652,338.394</u>
Total	<u>1,701,203.865</u>

Silver

Mint fine bars	884,906.58
Purchase (fine) bars	501,382.06
Coin bars	389,765.24
Uncurrent coin	21.90
Unrefined	<u>1,916,526.02</u>
Total	<u>3,692,601.80</u>

Nickel

Troy bzs.

Electrolytic Nickel	228,928.18
" Copper	686,784.54
Ingots	25,998.80
Scrap	20,114.40
Wastage	<u>772.26</u>
Total	<u>962,598.18</u>

Bronze

Electrolytic Copper	875,705.31
Tin	34,660.11
Zinc	58,866.72
Ingots	10,210.00
Scrap	5,578.40
Wastage	<u>1,891.22</u>
Total	<u>986,911.76</u>

Respectfully,

E. J. Wager
 Supt. M. & R. Dept.

U. S. M. Dept.

March 3, 1931.

Bullion and Metals on hand at close of business, February 28, 1931.

<u>Gold</u>		Fine ozs.
Mint fine bars		33,884.961
Coin bars		11,109.828
Ingot type bar		331.398
Uncurrent coin		13,271.448
Unrefined		<u>1,652,816.417</u>
Total		<u>1,711,394.050</u>
<u>Silver</u>		
Mint fine bars		952,906.57
Purchase (fine) bars		501,382.06
Coin bars		389,765.24
Uncurrent coin		119,146.19
Unrefined		<u>1,863,931.06</u>
Total		<u>3,827,191.12</u>
		Troy ozs.
<u>Nickel</u>		
Electrolytic nickel		223,626.18
" copper		670,884.54
Scrap		18,636.20
Wastage		<u>825.74</u>
Total		<u>913,974.66</u>
<u>Bronze</u>		
Electrolytic copper		658,915.31
Tin		31,257.11
Zinc		50,879.72
Ingot		6,802.90
Scrap		7,207.40
Wastage		<u>2,193.69</u>
Total		<u>757,856.13</u>

Respectfully,



M. & R. Dept.

April 2, 1931.

Bullion and Metals on hand at close of business, March 31, 1931.

Gold

Fine ozs.

Mint fine bars	34,011.846
Coin bars	11,930.661
Clips & Con'd coin	41,430.726
Ingot tops bar	331.396
Uncurrent coin	13,271.448
Unrefined	1,651,894.375
Total	1,752,840.452

Silver

Mint fine bars	1,031,739.83
Purchase (fine) bars	501,382.06
Coin bars	508,745.69
Unrefined	1,802,084.53
Total	3,843,952.11

Troy ozs.

Nickel

Electrolytic nickel	223,628.18
" copper	670,884.54
Scrap	18,636.20
Wastage	825.74
Total	913,974.66

Bronze

Electrolytic copper	636,685.31
Tin	30,886.11
Zinc	50,060.72
Tops	1,451.40
Clips	1,739.70
Scrap	4,075.10
Wastage	2,069.79
Total	726,968.13

Respectfully,



 Subt. & R. Dept.

A. & R. Dept.

May 2, 1931.

Sullion and Metals on hand at close of business, April 30, 1931.

<u>Gold</u>		Fine ozs.
Mint fine bars		34,866.353
Coin bars		71,472.374
Unrefined		<u>1,654,430.468</u>
Total		<u>1,760,769.195</u>
<u>Silver</u>		
Mint fine bars		1,100,585.06
Purchase bars		501,382.06
Coin bars		508,745.69
Unrefined		<u>1,760,587.54</u>
Total		<u>3,871,250.35</u>
		Troy ozs.
<u>Nickel</u>		
Electrolytic Nickel		223,628.18
" Copper		670,884.54
Scrap		18,638.20
Wastage		<u>825.74</u>
Total		<u>913,974.66</u>
<u>Bronze</u>		
Electrolytic Copper		636,685.31
Tin		30,886.11
Zinc		50,060.72
Tops		1,451.40
Clips		1,739.70
Scrap		4,075.10
Wastage		<u>2,069.79</u>
Total		<u>726,968.13</u>

Respectfully,


 Supt. A. & R. Dept.


M. & R. Dept.

June 10, 1931

Bullion and Metals on hand at close of business, May 31, 1931

	Fine ozs.
<u>Gold</u>	
Standard & coin bars	82,188.825
Mint fine bars	19,356.164
Unrefined	<u>1,655,088.010</u>
Total	<u>1,756,632.999</u>
<u>Silver</u>	
Mint fine bars	1,169,477.86
Purchase bars	501,382.06
Coin bars	678,435.57
Unrefined	<u>1,712,300.08</u>
Total	<u>4,061,595.57</u>
<u>Nickel</u>	
Electrolytic nickel	223,828.18
" copper	670,884.54
Uncurrent coin	62.91
Scrap	18,636.20
Wastage	<u>825.74</u>
Total	<u>914,037.57</u>
<u>Bronze</u>	
Electrolytic copper	636,685.31
Fin	30,886.11
Zinc	50,060.72
Uncurrent coin	510.56
Con'd coin & blanks	225.70
Tops	1,451.40
Clips	1,739.70
Scrap	4,075.10
Wastage	<u>2,269.79</u>
Total	<u>727,704.39</u>

Respectfully,


 Supt. M. & R. Dept.

INGOT ROOM

Received for Nickel & Bronze Ingot work
Uncurrent coin, clippings, etc.
Fine metal
Totals

	Gold, Fine ozs.	Silver, Fine ozs.	Nickel, Troy ozs.	Bronze, Troy ozs.
Gold				
68,602.234		475,357.25	281,915.34	2,285,458.39
2,451.654		4,669.88		
<u>71,053.888</u>		<u>480,027.13</u>	<u>281,915.34</u>	<u>2,285,458.39</u>

Delivered prior to settlement:

Ingot
Tops, scrap, etc.
Merchant bars
Bars
Assay samples
Delivered in settlement:

2,446.855	4,644.09	273,992.40	2,252,576.30
31.906	174.45	7,097.20	30,812.30
8.035	62.83		
68,537.530	474,869.03		
.537	74.37		
<u>71,024.863</u>	<u>479,824.77</u>	<u>281,089.60</u>	<u>2,283,388.60</u>
29.025	202.36	825.74	2,069.79

Totals
Wastages

Ingot work:
Melts made
Passed first melting

84	665
84	665

REFINERY

Crude, with charges
" without
.992 & over, required to aid processes
Unrefined, retreated
Totals

504,683.747	697,073.39
9,202.042	3,004.43
69,660.555	95,655.99
123,410.950	84,793.10
<u>706,957.294</u>	<u>880,526.90</u>
24.596	273.18

Surpluses

Fine metal produced
Settlement bars
Assay samples
Sweeps

574,182.093	779,145.54
132,527.882	100,899.00
152.254	319.31
<u>119.661</u>	<u>436.23</u>
<u>706,981.890</u>	<u>880,800.08</u>

Totals

Refinery By-Product:
Crude platinum, 234.70 Troy ozs.
" Palladium, 14.49 "

Charges collected on bullion operated upon in Refinery, \$79,081.93

Respectfully,

Supt. M. & R. Dept.

M. & R. Dept. Statistics, Fiscal Year, 1931, U. S. Mint, Denver, Colo.

RECEIPTS

	Gold, Fine ozs.	Silver, Fine ozs.	Nickel, Troy ozs.	Bronze, Troy ozs.
Settlement, June 30, 1930	1,584,580.447	3,331,928.09	798,410.96	199,606.22
Deposits	634,977.027	260,748.28		
Redeposits	18,639.670	15,942.55		
Clippings	42,100.416			581,655.40
Condemned coin	461.511			2,430.10
" blanks	2,291.688			4,210.90
Superintendent's Bullion Recovered	18.505	13.71		
Uncurrent, Light wt., & mutilated coin	23,417.223	475,103.32	105,601.65	25,695.25
Coiner's bars	573.079			
Proof metals	50.000			
Copper purchased				2,333,333.33
transferred (Director, 7/18/30)			811,821.24	527,803.88
Tin purchased				30,187.50
Zinc				87,631.25

Totals

Surpluses

2,307,109.586

3.031

4,083,735.95

80.38

1,715,833.65

3,792,553.83

DELIVERED

Prior to settlement:

Ingots

Merchant bars

Certificate bars

Proof metal to Salt Lake City

2,446.855

492,518.276

4,644.09

20.00

**

527,803.88

273,992.40

*

811,821.24

2,252,576.30

In settlement:

Fine bars (purchase & mint)

Coin standard bars

Unparted bars

Proof bullion, cornets, etc.

Sweeps

Clippings, condemned coin & blanks

Uncurrent coin

Copper

Tin

Zinc

Nickel

Scrap (tops, kings, etc.)

Totals

Wastages

19,356.164

82,102.714

1,710,521.634

45.810

121.144

1,670,859.92

678,435.57

1,729,275.34

136.61

444.80

670,884.54

62.91

2,417.30

510.56

636,685.31

30,886.11

50,060.72

223,628.18

18,639.670

1,715,008.11

825.74

3,526.50

3,790,484.04

2,069.79

2,307,112.597

4,083,816.35

M. & R. Dept.

Bullion and Metals on hand at close of business, June 30, 1931.

		Fine ozs.
<u>Gold</u>		
	Mint fine bars	19,356.164
	Standard & coin bars	82,102.714
	Unrefined	<u>1,710,688.588</u>
	Total	<u>1,812,147.466</u>
<u>Silver</u>		
	Mint fine bars	1,169,477.86
	Purchase bars (fine)	501,382.06
	Coin bars	678,435.57
	Unrefined	<u>1,729,856.75</u>
	Total	<u>4,079,152.24</u>
		Troy ozs.
<u>Nickel</u>		
	Electrolytic Nickel	223,628.18
	" Copper	670,884.54
	Uncurrent coin	62.91
	Scrap	<u>18,636.20</u>
	Total	<u>913,211.83</u>
<u>Bronze</u>		
	Electrolytic Copper	636,685.31
	Tin	30,886.11
	Zinc	50,060.72
	Uncurrent coin	510.56
	Clippings, etc.	2,417.30
	Scrap	<u>5,526.50</u>
	Total	<u>726,086.50</u>

Respectfully,


Supt. M. & R. Dept.

M. & R. Dept.

August 3, 1931.

Bullion and Metals on hand at close of business, July 31, 1931.

<u>Gold</u>		Fine ozs.
Mint fine bars		19,356.164
Standard & coin bars		83,013.029
Unrefined		<u>1,764,944.948</u>
Total		<u>1,867,314.141</u>
<u>Silver</u>		
Mint fine bars		1,169,477.86
Purchase bars (fine)		501,382.06
Coin bars		678,435.57
Unrefined		<u>1,751,101.41</u>
Total		<u>4,100,396.90</u>
		Troy ozs.
<u>Nickel</u>	Electrolytic nickel	223,628.18
	" copper	670,884.54
	Uncurrent coin	62.91
	Scrap	<u>18,636.20</u>
	Total	<u>913,211.83</u>
<u>Bronze</u>	Electrolytic copper	636,685.31
	Tin	30,886.11
	Zinc	50,060.72
	Uncurrent coin	510.56
	Mutilated "	15.02
	Clippings, etc.	2,417.30
	Scrap	<u>5,526.50</u>
	Total	<u>726,101.52</u>

Respectfully,



 Subst. M. & R. Dept.

M. & R. Dept.

September 3, 1931.

M. & R. Dept. Salaries, Wages, and Stores, Fiscal Year, 1931

Salaries	\$9,888.76		
Wages	<u>30,577.43</u>	Total	\$40,466.19

Divided as follows:

Refinery	\$28,930.10	
Ingot room	<u>11,536.09</u>	\$40,466.19

Salaries and Wages			\$40,466.19
Stores, etc.	Refinery	\$8,046.11	
	Ingot room	<u>2,556.73</u>	<u>10,601.84</u>
	Total		\$51,068.03

Refinery: Labor	\$28,605.10	
Stores, etc.	<u>8,021.11</u>	\$36,626.21

Recovery of By-products:		
Labor	325.00	
Stores	<u>25.00</u>	350.00

Ingot room: Labor	11,531.09	
Stores	<u>2,553.73</u>	14,084.82

(Denominations	Labor	Stores)
(Nicks	\$1,781.31	\$394.11)
(Cents	6,922.38	1,535.31)
(Plaz. Unc. Coin	2,820.40	624.31)

Manufacture of Merchant bars:		
Labor	5.00	
Stores	<u>2.00</u>	7.00
Total		<u>\$51,068.03</u>

Respectfully,

E. J. D.
 M. & R. Dept.

M. & R. Dept.

September 3, 1931.

Bullion and Metals on hand at close of business, August 31, 1931.

	Fine ozs.
<u>Gold</u>	
Mint fine bars	8,897.360
Standard & Coin bars	86,745.419
Unrefined	<u>1,831,365.376</u>
Total	<u>1,927,008.155</u>
<u>Silver</u>	
Mint fine bars	1,109,686.13
Purchase bars (fine)	501,382.06
Coin bars	647,424.99
Dime ingots	18,014.17
Clippings, Tops, etc.	1,126.66
Unrefined	<u>1,775,665.42</u>
Total	<u>4,053,299.43</u>
	Troy ozs.
<u>Nickel</u>	
Electrolytic nickel	223,628.18
" copper	670,884.54
Uncurrent coin	62.91
Scrap	<u>18,636.20</u>
Total	<u>913,211.83</u>
<u>Brnze</u>	
Electrolytic copper	636,685.31
Tin	30,886.11
Zinc	50,060.72
Uncurrent coin	510.56
Mutilated "	15.02
Clippings, etc.	2,417.30
Scrap	<u>5,526.50</u>
Total	<u>726,101.52</u>

Respectfully,


Supt. M. & R. Dept.

M. & R. Dept.

October 2, 1931.

Billion and Metals on hand at close of business, September 30, 1931

	Fine ozs.
<u>Gold</u>	
Mint fine bars	34,983.051
Standard & Coin bars	90,380.078
Uncurrent coin	1,698.093
Unrefined	<u>1,826,507.383</u>
Total	<u>1,953,549.505</u>

<u>Silver</u>	
Mint fine bars	1,162,073.64
Purchase bars (fine)	501,382.06
Coin bars	636,655.60
Clips, etc.	8,161.83
Uncurrent coin	104,480.20
Unrefined	<u>1,727,288.23</u>
Total	<u>4,140,041.56</u>

	Troy ozs.
<u>Nickel</u>	
Electrolytic Nickel	223,428.18
" Copper	670,884.54
Uncurrent coin	69,555.36
Scrap	<u>18,636.20</u>
Total	<u>982,704.28</u>

<u>Bronze</u>	
Electrolytic Copper	636,685.31
Tin	30,886.11
Zinc	50,060.72
Uncurrent coin	18,581.31
Mutilated "	15.02
Clips, etc.	2,417.30
Scrap	<u>5,526.50</u>
Total	<u>744,172.27</u>

Respectfully,

Jarman St. John

Acting Supt. M. & R. Dept.

U. S. R. Dept.

November 2, 1931.

Bullion and Metals on hand at close of business, October 31, 1931.

Gold

Mint fine bars
Standard and Coin bars
Uncurrent coin

Fine ozs.

34,924.955
91,099.773
1,698.093

Unrefined

1,828,271.655

Total

1,955,994.476

Silver

Mint fine bars
Purchase bars (fine)
Coin bars
Clips, etc.
Uncurrent coin

1,240,828.36
501,382.06
709,125.71
15,944.19
31,760.20

Unrefined

1,663,387.51

Total

4,182,428.03

Troy ozs.

Nickel

Electrolytic nickel
" copper
Uncurrent coin
Scrap

223,628.18
670,884.54
69,555.36
18,636.20

Total

982,704.28

Bronze

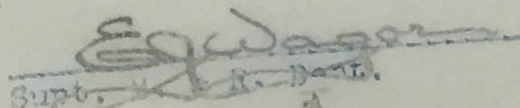
Electrolytic copper
Tin
Zinc
Uncurrent coin
Mutilated "
Clips, etc.
Scrap

636,685.31
30,886.11
50,060.72
18,581.31
15.02
2,417.30
5,526.50

Total

744,172.27

Respectfully,


Supt. U. S. R. Dept.

M. & R. Dept.

December 4, 1931

Bullion and Metals on hand at close of business, November 30, 1931

	Fine ozs.
<u>Gold</u>	
Mint fine bars	32,212.728
Standard and Coin bars	91,639.044
Uncurrent coin	1,698.093
Unrefined	<u>1,831,931.159</u>
Total	<u>1,957,481.024</u>
<u>Silver</u>	
Mint fine bars	1,302,343.41
Purchase bars	501,382.06
Coin bars	740,885.91
Clips, etc.	26,310.17
Unrefined	<u>1,618,818.58</u>
Total	<u>4,189,740.13</u>
	Troy ozs.
<u>Nickel</u>	
Electrolytic nickel	223,628.18
" copper	670,884.54
Uncurrent coin	69,555.36
Scrap	<u>18,636.20</u>
Total	<u>982,704.28</u>
<u>Bronze</u>	
Electrolytic copper	636,685.31
Tin	30,886.11
Zinc	50,060.72
Uncurrent & Mutilated coin	18,596.33
Clips, etc.	2,417.30
Scrap	<u>5,526.50</u>
Total	<u>744,172.27</u>

Respectfully,

E. J. Wagoner
Supt. M. & R. Dept.

M. & R. Dept.

January 5, 1932

Bullion and Metals on hand at close of business, December 31, 1931.

Gold

Fine ozs.

Mint fine bars	31,600.839
Standard and coin bars	92,358.783
Uncurrent coin	6,885.955
Unrefined	<u>1,834,230.217</u>
Total	<u>1,965,075.794</u>

Silver

Mint fine bars	1,363,580.44
Purchase bars (fine)	501,382.06
Coin bars	852,378.38
Uncurrent coin	3,211.43
Clips, tops, etc.	10,953.01
Unrefined	<u>1,536,227.58</u>
Total	<u>4,297,732.90</u>

Troy ozs.

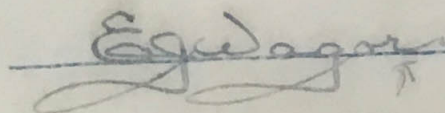
Nickel

Electrolytic nickel	223,626.18
" copper	670,884.54
Uncurrent coin	23,603.25
Ingots	22,682.10
Scrap, incl. wastage (62.60)	<u>21,218.80</u>
Total	<u>962,016.87</u>

Bronze

Electrolytic copper	636,685.31
Tin	30,886.11
Zinc	50,060.72
Uncurrent & mutilated coin	26,202.33
Clips, etc.	2,417.30
Scrap	<u>5,526.50</u>
Total	<u>751,778.27</u>

Respectfully,



Supt. M. & R. Dept.

M. & R. Dept.

February 3, 1932.

Bullion and Metals on hand at close of business, January 31, 1932.

<u>Gold</u>		Fine ozs.
	Mint fine bars	31,863.982
	Standard and coin bars	92,885.667
	Uncurrent coin	6,885.955
	Unrefined	<u>1,832,779.260</u>
	Total	<u>1,964,414.844</u>
<u>Silver</u>		
	Mint fine bars	1,426,420.16
	Purchase bars (fine)	501,382.06
	Coin bars	852,378.38
	Uncurrent coin	3,211.43
	Clips, tops, etc.	10,953.01
	Unrefined	<u>1,519,693.63</u>
	Total	<u>4,314,038.67</u>
		Troy ozs.
<u>Nickel</u>		
	Electrolytic nickel	223,628.18
	" copper	670,884.54
	Scrap	<u>18,309.15</u>
	Total	<u>912,821.87</u>
<u>Bronze</u>		
	Electrolytic copper	515,275.31
	Tin	28,969.11
	Zinc	45,587.72
	Ingots	16,824.10
	Clips	5,930.30
	Tops, scrap, etc.	<u>3,657.63</u>
	Total	<u>616,244.17</u>

Respectfully,


 Supt. M. & R. Dept.

M. & R. Dept.

March 3, 1932.

Bullion and Metals on hand at close of business, February 29, 1932

Gold

Fine ozs.

Mint fine bars	31,658.582
Standard and coin bars	93,872.053
Uncurrent coin	6,885.955

Unrefined	1,837,955.547
-----------	---------------

Total	<u>1,970,372.137</u>
-------	----------------------

Silver

Mint fine bars	1,493,402.35
Purchase bars (fine)	501,382.06
Coin bars	852,378.38
Clips, tops, etc.	10,953.01
Uncurrent coin	3,211.43

Unrefined	1,469,833.56
-----------	--------------

Total	<u>4,331,160.79</u>
-------	---------------------

Nickel

Troy ozs.

Electrolytic nickel	823,828.18
" copper	670,884.54
Scrap	<u>18,309.15</u>

Total	<u>912,821.87</u>
-------	-------------------

Bronze

Electrolytic copper	392,535.31
Tin	27,031.11
Zinc	41,065.72
Ingots	20,376.40
Tops, scrap, etc.	<u>4,203.93</u>

Total	<u>485,212.47</u>
-------	-------------------

Respectfully,


 supt. M. & R. Dept.

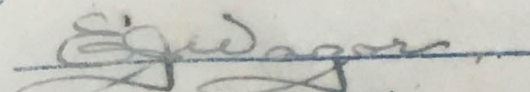
April 2, 1932.

S. & R. Dept.

Sullion and Metals on hand at close of business, March 31, 1932.

	Fine ozs.
<u>Gold</u>	
Mint fine bars	31,654.283
Standard and coin bars	94,350.885
Uncurrent coin	7,984.198
Unrefined	<u>1,832,870.935</u>
Total	<u><u>1,964,860.301</u></u>
<u>Silver</u>	
Mint fine bars	1,560,341.69
Purchase bars (fine)	501,382.06
Coin bars	852,378.38
Clips, tops, etc.	10,953.01
Uncurrent coin	204,117.88
Unrefined	<u>1,416,819.27</u>
Total	<u><u>4,545,992.29</u></u>
	Troy ozs.
<u>Nickel</u>	
Electrolytic nickel	223,628.18
" copper	670,884.54
Scrap	<u>17,964.38</u>
Total	<u><u>912,477.10</u></u>
<u>Bronze</u>	
Electrolytic copper	333,255.31
Tin	26,095.11
Zinc	38,881.72
Ingots	34,029.00
Scrap	<u>1,095.16</u>
Total	<u><u>433,356.30</u></u>

Respectfully,



Supt. M. & R. Dept.

M. & R. Dept.

June 4, 1932.

Gold and Metals on hand at close of business, May 31, 1932.

		Fine ozs.
<u>Gold</u>		
	Mint fine bars	14,906.959
	Standard and coin bars	91,252.107
	Uncurrent coin	7,984.198
	Unrefined	<u>1,831,910.789</u>
	Total	<u>1,946,054.053</u>

<u>Silver</u>		
	Mint fine bars	1,645,771.95
	Purchase bars (fine)	501,382.04
	Coin bars	1,008,258.48
	Uncurrent coin	48,214.08
	Clips, tons, etc.	1,278.40
	Merchant bars	3,623.55
	Unrefined	<u>1,308,743.20</u>
	Total	<u>4,517,274.72</u>

		Troy ozs.
<u>Nickel</u>		
	Electrolytic nickel	223,626.18
	" copper	670,884.54
	Mutilated coin	18.67
	Scrap	<u>17,964.38</u>
	Total	<u>912,495.77</u>

<u>Bronze</u>		
	Electrolytic copper	219,825.31
	Tin	24,304.11
	Zinc	34,702.72
	Ingot	30,644.50
	Clips, etc.	2,266.80
	Scrap	<u>2,864.42</u>
	Total	<u>314,607.86</u>

Respectfully,

Supt. M. & R. Dept.

Summary of 1932 Settlement, M. & R. Dept., U. S. Mint, Denver, Colo.

	Pages	Gold, Fine ozs.	Silver, Fine ozs.
Gold Dep. '29	1-2	43,356.988	16,848.87
" " '30	3-10	183,908.487	55,434.78
" " '31	11-27	449,769.875	117,559.86
" " '32	28-59B	532,546.537	132,549.17
Silver Dep. '29	72-73	10,177.367	32,671.82
" " '30	74-75	14,083.060	33,391.52
" " '31	76-79	20,343.544	79,887.03
" " '32	80-83	8,480.791	57,450.58
	84-86	3,782.555	25,121.05
ReDep. '32	87-87A	9,274.048	5,674.70
G. Coin Bars '31	88	2,229.421	
Std. Gold Bars '31	88	68,537.530	
" " '32	88	10,825.071	
G. Coin Bars '32	89-90	19,094.083	
Purch. Sil. '30	91-94		501,382.06
M.F. Sil. '30	95-96		383,843.78
" " '31	97-98		680,054.34
" " '32	99-101		552,694.35
S. Coin Bars '30	102		181,786.57
" " '31	103-104		474,869.03
" " '32	105-106		579,287.04
Ref'y Gold Set. '32	107	87,169.943	9,178.27
" Silver " '32	108	50,971.197	80,193.17
Miscellaneous '32	109-110	15,551.873	46,322.73
Under Seal, Vault H:			
Gold, 475,820.993			Silver, 671,515.35
Withdrawn from Vault H:			
Silver Dep. '31	Page 60	7.727	16,304.24
" " '32	61-69	4,224.264	327,438.66
" " '27	70-71	653.285	38,060.68
Balance in Vault H		470,935.717	289,711.77
TOTAL Delivered in Settlement		2,005,928.371	4,697,716.10
Charged M. & R. Dept.		2,005,760.319	4,696,529.21
SURPLUS		168.052	1,186.89
Assayer's Proof, etc., Redel'd		30.380	180.42
Refinery Sweeps del'd in Settlement		104.682	697.00
Crude Platinum del'd to Supt.		216.29 Troy ozs.	
" Palladium " " "		22.14	
Minor Coinage Metal Account	Nickel, Troy ozs.		Bronze, Troy ozs.
On hand	914,559.32		382,534.44
Charged M. & R. Dept.	914,741.75		283,326.59
WASTAGE	183.43		762.14
Alloy Copper Account. Troy ounces on hand			114,360.99
Charges earned on Bullion operated on in Refinery,			\$35,458.29

M. & R. Dept.

June 30, 1932.

Bullion and Metals on hand at close of business, June 30, 1932

		Fine ozs.
<u>Gold</u>		
Mint fine bars		14,906.958
Standard and coin bars		100,686.105
Unrefined		<u>1,890,335.308</u>
Total		<u>2,005,928.371</u>
<u>Silver</u>		
Mint fine bars		1,660,090.50
Purchase bars (fine)		501,382.06
Coin bars		1,215,942.64
Dime clippings		1,278.40
Unrefined		<u>1,319,022.50</u>
Total		<u>4,697,716.10</u>
<u>Nickel</u>		
		Troy ozs.
Electrolytic copper		670,884.54
" nickel		223,628.18
Uncurrent coin		2,245.98
Mutilated "		18.67
Scrap		<u>17,780.95</u>
Total		<u>914,558.32</u>
<u>Bronze</u>		
Electrolytic copper		213,559.21
Tin		24,214.11
Zinc		34,492.72
Clippings, Con'd coin & blanks		9,037.80
Scrap		<u>1,280.60</u>
Total		<u>282,564.44</u>

Respectfully,

Jamies St John, Act'g Supt. M. & R. Dept.

RECEIPTS

	Gold, Fine ozs.	Silver, Fine ozs.	Nickel, Troy ozs.	Bronze, Troy ozs.
Settlement, June 30, 1931				
Deposits	1,812,026.322	4,078,707.44	913,211.83	726,086.50
Redeposits	634,405.187	186,565.36		
Clippings	21,506.693	11,996.34		
Condemned coin		53,842.41		
" blanks		49.40		
Superintendent's bullion recovered	13.780	238.76		197,070.00
Uncurrent, Light wt., & Mutilated coin	10,872.228	9.23		679.85
Coiner's bars	4.859	579,293.32	144,986.62	2,922.25
Proof metals	50.000	25.50		42,072.78
Totals				
Surpluses	2,478,879.089	4,910,727.76	1,058,198.45	928,831.38
	168.052	1,186.89		

DELIVERED

Prior to settlement:				
Ingots		212,230.50	143,456.70	685,504.80
Merchant bars	3,120.537	1,968.05		
Certificate bars	489,938.213			
In settlement:				
Merchant bars		3,623.54		
Fine bars (Mint and Purchase)		2,157,849.02		
Standard and coin bars		1,215,942.64		
Unparted bars	100,681.105	1,318,145.08		
Proof bullion, cornets, etc.	1,890,203.246	180.42		
Clippings, condemned coin & blanks	50.380	1,278.40		
Sweeps		697.00		9,037.80
Uncurrent and Mutilated coin	104.632			
Copper			2,264.65	213,559.21
Tin			670,884.54	24,214.11
Zinc				34,492.72
Nickel				1,260.60
Scrap (tops, kings, etc.)			223,628.18	
			17,780.95	
Totals				
Wastages	2,479,047.121	4,911,914.65	1,058,016.02	968,069.94
			183.43	762.14

INGOT MELTING ROOM

Received for ingot manufacture	10,872.21	251,284.11	149,843.73	703,378.04
" coin bar "	3,133.41	579,810.47		
" merchant bar "	14,005.75	5,818.44	<u>149,843.73</u>	<u>703,378.04</u>
Totals	27,011.37	836,913.02		
Surplus				
Delivered:				
Ingot (incl. remelts & con'd melt)		241,590.75	143,456.70	685,504.85
Coin bars	10,825.07	579,287.04		
Merchant bars	3,120.33	5,591.59		
Cops		9,831.18	5,003.60	12,951.10
Clippings	67.00			4,160.00
Miscellaneous bars	2,274	404.50		
Assay samples	8,274	134.96		
Totals	14,014.37	836,640.62	<u>143,456.70</u>	<u>702,615.90</u>
Wastages		70.00	183.43	782.14
Melts made		59	44	202
Passed first melting		54	44	202
Condemned, 1; remelted, 6 (Silver)				

REFINERY:			Refinery By-products:	
Crude, with charges	459,615.20	598,060.43		
" without	14,753.59	1,398.46		
.992 & over, required to aid processes	68,969.04	91,257.94	Crude Platinum,	216.29 Troy ozs.
Unrefined, retreated	132,527.88	100,899.00	" Palladium,	22.14 "
Totals	875,865.73	791,615.83		
Surpluses	158.47	1,255.40		
Fine metal produced	537,650.89	702,538.96	Charges collected on bullion operated	
Settlement bars	138,141.13	89,371.44	upon in Refinery,	\$35,458.29
Assay samples	128.65	273.59		
Sweeps	103.52	687.24		
Totals	876,024.20	792,871.23		

Total metal operated upon in department	889,939.075	1,634,883.47	148,843.73	703,378.04
---	-------------	--------------	------------	------------

M. & R. Dept.

August 3, 1932.

Bullion and Metals on hand at close of business, July 31, 1932.

	Fine ozs.
<u>Gold</u>	
Mint fine bars	14,906.958
Standard and coin bars	100,686.105
Unrefined	<u>1,950,457.258</u>
Total	<u>2,066,050.321</u>
<u>Silver</u>	
Mint fine bars	1,623,572.11
Purchase bars (fine)	501,382.06
Coin bars	1,215,942.64
Clips, tops, etc.	15,887.52
Unrefined	<u>1,334,819.72</u>
Total	<u>4,691,604.05</u>
<u>Nickel</u>	Troy ozs.
Electrolytic copper	670,884.54
" nickel	223,628.18
Uncurrent coin	2,245.98
Mutilated "	18.67
Scrap	<u>17,780.95</u>
Total	<u>914,558.32</u>
<u>Bronze</u>	
Electrolytic copper	182,019.21
Tin	23,716.11
Zinc	33,330.72
Ingots	20,307.50
Clips, tops, etc.	4,857.80
Scrap	<u>883.10</u>
Total	<u>265,114.44</u>

Respectfully, Jarvis St. John, Acting Supt. M. & R. Dept.

M. & R. Dept.

September 6, 1932.

Bullion and Metals on hand at close of business, August 31, 1932.

Gold

Fine ozs.

Mint fine bars	10,423.777
Standard and coin bars	100,470.042
Unrefined	<u>2,015,935.355</u>
Total	<u>2,126,829.174</u>

Silver

Mint fine bars	1,602,987.02
Purchase bars (fine)	501,382.06
Coin bars	1,215,942.64
Clips, tops, etc.	15,887.52
Unrefined	<u>1,377,375.75</u>
Total	<u>4,713,574.99</u>

Nickel

Electrolytic copper	670,884.54
" nickel	223,628.18
Uncurrent coin	2,245.98
Mutilated "	18.67
Scrap	<u>17,780.95</u>
Total	<u>914,558.32</u>

Bronze

Electrolytic copper	61,559.21
Tin	21,814.11
Zinc	28,892.72
Ingots	13,521.40
Clips, tops, etc.	3,085.30
Scrap	<u>1,268.60</u>
Total	<u>130,141.34</u>

respectfully,


Supt. M. & R. Dept.

September 7, 1932

M & R. Dept.

Salaries, Wages, and Stores, Fiscal Year, 1932

Salaries	\$11,630.34	
Wages	29,324.51	
General Dept. labor	<u>3,534.12</u>	\$44,488.97

Divided as follows:

Refinery	32,393.28	
Ingot room	<u>12,095.69</u>	
Total	<u>44,488.97</u>	

Stores, power, etc.:

Refinery	8,502.32	
Ingot room	<u>1,782.74</u>	<u>10,285.06</u>
TOTAL		<u>\$54,774.03</u>

Refinery

Regular operations: Labor	32,155.28	
Stores	<u>8,477.32</u>	40,632.60
Recovery By-products: Labor	238.00	
Stores	<u>25.00</u>	<u>263.00</u>
		40,895.60

<u>Ingot room</u>	Labor	Stores	
Quarters	444.40	65.53	
Dimes	1,194.33	176.11	
Nickels	1,822.11	180.21	
Cents	5,610.58	827.31	
Merch. Bars: G.	6.50	.50	
S.	7.00	.63	
Melting Unc.			
Coin	<u>3,610.77</u>	<u>532.42</u>	
	<u>12,095.69</u>	<u>1,782.74</u>	<u>13,878.43</u>
TOTAL			<u>\$54,774.03</u>

Respectfully,



Supt. M. & R. Dept.

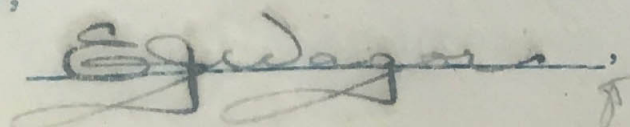
M. & R. Dept.

October 4, 1932.

Bullion and Metals on hand at close of business, September 30, 1932.

	Fine ozs.
<u>Gold</u>	
Mint fine bars	28,539.814
Standard and coin bars	99,028.710
Unrefined	<u>2,022,744.659</u>
Total	<u>2,150,313.183</u>
<u>Silver</u>	
Mint fine bars	1,358,216.35
Purchase bars (fine)	501,382.06
Coin bars	1,215,942.64
Clips, tops, etc.	15,887.52
Unrefined	<u>1,340,522.00</u>
Total	<u>4,731,950.57</u>
<u>Nickel</u>	
Electrolytic copper	670,884.54
" nickel	223,628.18
Uncurrent coin	2,245.98
Mutilated "	18.67
Scrap	<u>17,780.95</u>
Total	<u>914,558.32</u>
<u>Bronze</u>	
Electrolytic copper	1,149,887.13
Tin	20,575.11
Zinc	26,001.72
Ingots	27,064.40
Clips	2,832.20
Tops, etc.	1,975.60
Scrap	<u>1,533.70</u>
Total	<u>1,229,869.86</u>

Respectfully,



, Supt. M. & R. Dept.

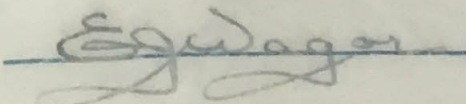
M. & R. Dept.

November 2, 1932.

Bullion and Metals on hand at close of business, October 31, 1932.

		Fine ozs.
<u>Gold</u>		
	Mint fine bars	46,316.385
	Standard and coin bars	93,754.979
	Unrefined	<u>2,041,091.799</u>
	Total	<u>2,181,163.163</u>
<u>Silver</u>		
	Mint fine bars	1,705,708.25
	Purchase bars (fine)	501,382.06
	Coin bars	1,215,942.64
	Clips, tops, etc.	15,667.52
	Unrefined	<u>1,319,681.10</u>
	Total	<u>4,758,601.57</u>
		Troy ozs.
<u>Nickel</u>		
	Electrolytic copper	670,884.54
	" nickel	223,628.18
	Uncurrent coin	2,245.98
	Mutilated "	61.11
	Scrap	<u>17,760.95</u>
	Total	<u>914,600.76</u>
<u>Bronze</u>		
	Electrolytic copper	1,078,447.13
	Tin	19,447.11
	Zinc	23,369.72
	Clips	5,742.20
	Tops, etc.	2,789.00
	Scrap	<u>1,829.80</u>
	Total	<u>1,131,624.96</u>

Respectfully,


 , Supt. M. & R. Dept.

December 3, 1932.

M. & R. Dept.

Bullion and Metals on hand at close of business, November 30, 1932.

Gold

Fine ozs.

Mint fine bars	37,534.864
Standard and coin bars	89,356.488
Unrefined	<u>2,048,550.323</u>
Total	<u>2,175,441.675</u>

Silver

Mint fine bars.	1,749,716.30
Purchase bars (fine)	501,382.06
Coin bars	1,215,942.64
Clips, tons, etc.	15,887.52
Unrefined	<u>1,299,610.83</u>
Total	<u>4,782,539.35</u>

Troy ozs.

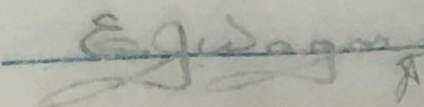
Nickel

Electrolytic copper	670,884.54
" nickel	223,628.18
Uncurrent coin	2,245.98
Mutilated	61.11
Scrap	<u>17,780.95</u>
Total	<u>914,600.76</u>

Bronze

Electrolytic copper	982,307.13
Tin	17,929.11
Zinc	19,827.72
Clips	6,895.10
Ingots	16,910.90
Tops, etc.	1,837.00
Scrap	<u>2,184.80</u>
Total	<u>1,047,891.76</u>

Respectfully,



Supt. M. & R. Dept.

M. & R. Dept.

January 6, 1933.

Bullion and Metals on hand at close of business, December 31, 1932

Gold

Fine ozs.

Mint fine bars	28,901.327
Standard and coin bars	82,080.687
Unrefined	<u>2,044,047.077</u>
Total	<u>2,155,029.091</u>

Silver

Mint fine bars	1,793,684.34
Purchase bars (fine)	501,382.06
Coin bars	1,215,942.64
Clips, tops, etc.	16,563.83
Unrefined	<u>1,279,772.08</u>
Total	<u>4,807,344.95</u>

Troy ozs.

Nickel

Electrolytic copper	670,884.54
" nickel	223,628.18
Uncurrent coin	2,245.98
Mutilated "	61.11
Scrap	<u>17,780.95</u>
Total	<u>914,600.76</u>

Bronze

Electrolytic copper	899,087.13
Tin	16,615.11
Zinc	16,761.72
Tops, clips, etc.	3,954.90
Scrap	<u>2,481.70</u>
Total	<u>938,900.56</u>

Respectfully,

E. J. Dwyer, Supt. M. & R. Dept.

M. & R. Dept.

February 2, 1933.

Bullion and Metals on hand at close of business, January 31, 1933.

<u>Gold</u>		Fine ozs.
Mint fine bars		28,468.921
Standard & Coin bars		73,218.967
Uncurrent coin		1,232.902
Unrefined		<u>2,062,245.476</u>
Total		<u>2,165,166.266</u>
<u>Silver</u>		
Mint fine bars		1,835,408.01
Purchase bars (fine)		501,382.06
Coin bars		1,215,942.64
Clips, tons, etc.		16,563.83
Unrefined		<u>1,261,591.18</u>
Total		<u>4,830,887.72</u>
		Troy ozs.
<u>Nickel</u>		
Electrolytic copper		670,884.54
" nickel		223,628.18
Uncurrent coin		2,245.98
Mutilated "		77.15
Scrap		<u>17,780.95</u>
Total		<u>914,616.80</u>
<u>Bronze</u>		
Electrolytic copper		620,807.13
Tin		15,379.11
Zinc		13,877.72
Ingots		13,653.30
Tons, etc.		1,494.10
Scrap		<u>3,058.52</u>
Total		<u>668,269.88</u>

Respectfully, E. J. Wagner, Supt. M. & R. Dept.

M. & R. Dept.

March 2, 1933.

Bullion and Metals on hand at close of business, February 28, 1933.

Gold

Fine ozs.

Mint fine bars	46,437.673
Standard and coin bars	71,496.724
Uncurrent coin	1,232.902
Unrefined	<u>2,057,746.968</u>
Total	<u>2,176,914.267</u>

Silver

Mint fine bars	1,888,889.94
Purchase bars (fine)	501,382.06
Coin bars	1,215,942.64
Clips, tops, etc.	16,563.60
Unrefined	<u>1,227,257.57</u>
Total	<u>4,850,036.04</u>

Troy ozs.

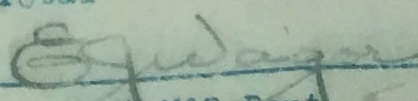
Nickel

Electrolytic copper	670,884.54
" nickel	223,628.18
Uncurrent coin	2,245.98
Mutilated "	77.15
Scrap	<u>17,780.95</u>
Total	<u>914,616.80</u>

Bronze

Electrolytic copper	704,337.13
Tin	13,540.11
Zinc	38,767.97
Clippings	1,813.00
Tops, etc.	1,790.20
Scrap	<u>3,410.92</u>
Total	<u>763,659.33</u>

Respectfully,


 Supt. M&R. Dept.

M. & R. Dept.

April 4, 1933

Bullion and Metals on hand at close of business, March 31, 1933.

Gold

Fine ozs.

Mint fine bars	10,820.637
Standard & coin bars	63,008.891
Uncurrent coin	1,959.968

Unrefined	2,058,696.653
-----------	---------------

Total	2,134,486.169
-------	---------------

Silver

Mint fine bars	1,927,931.12
Purchase bars (fine)	501,382.06
Coin bars	1,215,942.64
Clips, tops, etc.	16,563.83

Unrefined	1,210,772.47
-----------	--------------

Total	4,872,592.12
-------	--------------

Troy ozs.

Nickel

Electrolytic copper	670,884.54
" nickel	223,628.18
Uncurrent coin	2,245.98
Mutilated "	77.15

Scrap	17,780.95
-------	-----------

Total	914,616.80
-------	------------

Bronze

Electrolytic copper	595,657.13
Tin	11,824.11
Zinc	34,763.97
Clips	1,850.40
Tops, etc.	2,054.30

Scrap	3,752.22
-------	----------

Total	649,902.13
-------	------------

Respectfully,

Supt. M. & R. Dept.

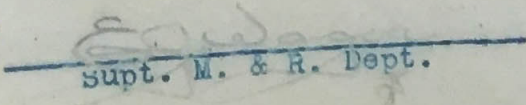
M. & R. Dept.

May 2, 1933.

Bullion and Metals on hand at close of business, April 30, 1933.

		Fine ozs.
<u>Gold</u>		
	Mint fine bars	45,722.595
	Standard and coin bars	58,614.633
	Uncurrent coin	1,959.988
	Unrefined	<u>2,039,066.935</u>
	Total	<u>2,145,364.151</u>
<u>Silver</u>		
	Mint fine bars	1,994,066.63
	Purchase bars. (fine)	501,382.06
	Coin	1,215,942.64
	Clips, tops, etc.	16,563.83
	Unrefined	<u>1,166,763.19</u>
	Total	<u>4,894,718.35</u>
		Troy c. s.
<u>Nickel</u>		
	Electrolytic copper	670,884.54
	" nickel	223,628.18
	Uncurrent coin	2,245.98
	Mutilated "	77.15
	Scrap	<u>17,780.95</u>
	Total	<u>914,616.80</u>
<u>Bronze</u>		
	Electrolytic copper	530,677.13
	Tin	10,798.11
	Zinc	32,369.97
	Con'd coin & blanks	207.70
	Tops, etc.	284.00
	Scrap	<u>3,945.72</u>
	Total	<u>578,282.63</u>

Respectfully,


 Supt. M. & R. Dept.

June 12, 1933.

M. & R. Dept.

Bullion and Metals on hand at close of business, May 31, 1933.

GoldMint fine bars
Standard & coin bars

Unrefined

Total

Fine ozs.

19,083.960
81,611.6082,100,080.0852,200,775.653SilverMint fine bars
Purchase bars (fine)
Coin bars

Unrefined

Total

1,997,992.82
501,382.06
1,232,506.471,180,100.834,911,982.18

Troy ozs.

670,884.54
223,628.18
2,245.98
97.42
17,780.95914,637.07NickelElectrolytic copper
" nickel
Uncurrent coin
Mutilated "
Scrap

Total

530,677.13
10,798.11
32,369.97
207.70
4,229.72578,282.63BronzeElectrolytic copper
Tin
Zinc
Con'd coin & blanks
Scrap

Total

Respectfully,


Supt. M. & R. Dept.

Summary of 1933 Settlement, M. & R. Dept., U. S. Mint, Denver, Colo.

	Pages	Gold, Fine ozs.	Silver, Fine ozs.
Mine Fine Silver, 1932	1-3		514,285.80
" " " 1933	4-6		383,575.82
" " " "	6		28,515.25
M. & R. Expls. 1933	7-12		964,637.97
Silver Deposits 1924	13-17	2,284.435	181,564.24
" " " 1927	18	253,177	14,232.97
" " " 1928	19-20	9,694.248	21,325.89
" " " 1929	21-22	11,952.838	23,859.38
" " " 1930	23-25	10,185.165	36,769.27
" " " 1931	26-28	6,814.660	42,201.15
" " " 1932	29-30	2,799.465	19,629.17
" " " 1933	31-35	6,266.455	32,873.96
M. & R. Expls. 1931	36	57,685.736	
" " " 1933	36	23,925.872	
Ref'y Gold Set. 1933	37	59,389.152	4,559.41
" Silver " 1933	37-38	61,961.210	106,593.82
ReDeposits 1932	39	5,361.639	4,252.70
" " 1933	40-41	14,887.920	8,530.86
Mass Melts 1933	41-A	6,380.041	2,641.87
Gold Deposits 1929	42	8,640.467	2,569.27
" " " 1930	42-47	124,485.976	39,445.60
" " " 1931	48-60	337,421.937	93,049.25
" " " 1932	61-77	424,226.251	111,316.45
" " " 1933	78-119	582,413.826	164,127.97
Miscellaneous:			
In Vault G.	120	16,003.272	9,472.14
Assay Dept. Proof	120	50,330	459.45
Sweeps cellar	120	99.084	360.94
Under Seal, Vault H	120	470,935.717	289,711.77
" " Storage, B-6	120		2,781,222.82
Redeposits 1933	121	1,256.724	207.41
Bureau Samples	121	3.040	
Totals		2,245,378.637	5,881,992.60
Charged M. & R. Dept.		2,245,378.637	5,881,992.60
		2,245,218.932	5,880,937.52
SURPLUS		159.705	1,055.08

Refinery Sweeps in Settlement 99.084 360.94

Platinum del'd to Supt. 255.57 Troy ozs.
Palladium " " 31.47 " "

Charges earned on bullion operated on in Refinery \$34,073.90

Minor Coinage Metal Account	Nickel, Troy ozs.	Bronze, Troy ozs.
On hand	914,637.07	576,408.73
Charged M. & R. Dept.	914,637.07	578,282.63
WASTAGE	---	1,875.90

Alloy Copper Account, Troy ozs. on hand 110,290.69

M. & R. Dept.

Bullion and Metals on hand at close of business, June 30, 1933.

		Fine ozs.
<u>Gold</u>	Mint fine bars	13,902.759
	Standard and coin bars	81,611.608
	Unrefined	<u>2,149,864.270</u>
	Total	<u>2,245,378.637</u>
		<hr/>
<u>Silver</u>	Mint fine bars	2,499,374.88
	Coin bars	2,180,580.61
	Unrefined	<u>1,202,037.11</u>
	Total	<u>5,881,992.60</u>
		<hr/>
		Troy ozs.
<u>Nickel</u>	Copper	670,884.54
	Nickel	223,628.18
	Uncurrent coin	2,245.98
	Mutilated "	97.42
	Scrap	<u>17,780.95</u>
	Total	<u>914,637.07</u>
		<hr/>
<u>Bronze</u>	Copper	530,677.13
	Tin	10,798.11
	Zinc	32,369.97
	Con'd coin and blanks	207.70
	Scrap	<u>2,353.82</u>
	Total	<u>576,408.73</u>

Respectfully,

Supt. M. & R. Dept.

U. S. R. Dept. Statistics, Fiscal Year, 1935, U. S. Mint, Denver, Colo.

RECEIVED

Settlement, June 30, 1932	Gold, Fine ozs.	Silver, Fine ozs.	Nickel, Troy ozs.	Bronze, Troy ozs.
Deposits	2,005,625.629	4,697,019.10		
Redeposits	773,262.556	252,911.33	914,558.32	262,564.44
Clippings	18,242.906	8,960.05		
Condemned coin		40,083.98		
blanks		3,898.83		235,085.30
Superintendent's bullion recovered		837.35		1,838.10
Unaccounted, Light wt., & mutilated coin	32.064	17.64		3,419.70
Coiner's bar	23,932.175	948,644.58	78.75	
Proof metal		24.96		
Electrolytic copper	123.220			39.52
Zinc				

Totals	2,821,416.612	5,953,598.12	914,637.07	1,166,797.92
Surpluses	159.705	1,065.08		29,181.25

DELIVERED:

Prior to settlement:

Ingot				
Merchant bars	8,831.616	66,027.67		
Certificate bars	567,366.064	5,632.73		1,240,641.60
In settlement:				

Fine bars (Mint and Purchase)	13,902.759	2,499,374.98	2,343.40	530,677.13
Standard and coin bars	81,611.608	2,180,580.61	670,884.54	10,798.11
Unparted bars	2,149,711.816	1,201,216.72		32,369.97
Proof bullion	50.330	459.45		
Assay samples (held by Bureau)	3.040			
Swags	98.024			
Unaccounted and mutilated coin		360.94		
Coiner				
Pil.			2,343.40	
Zinc			670,884.54	
Nickel			222,628.18	
Gold, 1 coin and blanks				
Semi (bars, klings, etc.)				

Totals	2,921,676.817	5,953,633.20	914,637.07	1,817,948.33
Reserve				1,876.90

M. & R. Statistics, Denver, 1933 - page 2 Gold, Fine ozs. Silver, Fine ozs. Nickel, Troy ozs. Bronze, Troy ozs.

INGOT MELTING ROOM:

Received for Ingot Manufacture

" coin bars	23,932.175	68,787.70	1,261,577.30
" merchant bar "	6,855.513	965,403.91	
	<u>23,787.358</u>	<u>2,014.63</u>	<u>1,261,577.30</u>
Totals	3,318	1,036,186.24	

Delivered:

Ingot	23,925.872	68,027.87	1,240,841.60
Coin bars	8,831.818	964,637.37	
Merchant bars		2,009.19	19,059.80
Tops	27.049	2,714.31	
Miscellaneous bars	<u>6.469</u>	<u>442.88</u>	
Assay samples	32,791.006	<u>222.65</u>	
Totals		<u>1,036,054.87</u>	<u>1,259,701.40</u>
		131.37	<u>1,975.90</u>

Wastages

18
16

365
365

Melts made
Passed first melting

REFINERY:

Received:

Crude, with charges	522,664.562	402,429.55	
" without "	48,750.753	479.26	
.992 & over, required to aid processes	79,344.072	107,103.92	
Unrefined, retreated	<u>138,141.130</u>	<u>89,371.44</u>	
Totals	789,900.517	<u>589,384.16</u>	
	157.146	1,179.40	

Refinery By-products:

Crude Platinum, 255.57 Troy ozs.
Palladium, 31.47 "

Delivered:

Fine metal produced	658,317.724	436,139.92	
Settlement bars	121,350.362	111,153.23	
Mass Melts	7,162.480	2,731.92	
Assay samples	130.100	191.17	
Sweeps	<u>97.059</u>	<u>347.31</u>	
Totals	787,057.625	<u>800,563.56</u>	

Charges collected on bullion operated
upon in Refinery, \$34,073.90

Total metal operated upon in department

621,798.636 1,637,798.07

1,261,577.30

Respectfully,

Supt. M. & R. Dept.

June 30, 1933.

M. & R. Dept.

August 2, 1933.

Bullion and Metals on hand at close of business, July 31, 1933.

Gold

Fine ozs.

Standard and Coin bars
Unrefined

81,611.608
2,228,111.748

Total

2,309,723.356Silver

Mint fine bars
Purchase bars (fine)
Coin bars
Unrefined

1,957,217.41
501,382.06
2,180,580.61
1,253,516.71

Total

5,892,696.79Nickel

Troy ozs.

Copper
Nickel
Uncurrent coin
Mutilated "
Scrap

670,884.54
223,628.18
2,245.98
97.42
17,780.95

Total

914,637.07Bronze

Copper
Tin
Zinc
Ingots
Scrap

425,987.13
9,145.11
28,512.97
51,342.90
3,192.92

Total

518,181.03

Respectfully,

E. J. Wagoner
Supt. M. & R. Department.

M. & R. Dept.

September 5, 1933.

Bullion and Metals on hand at close of business, August 31, 1933.

<u>Gold</u>	Fine ozs.
Mint fine bars	9,017.958
Standard and Coin bars	121,895.054
Unrefined	2,242,523.679
Total	2,373,436.691

<u>Silver</u>	
Mint fine bars	1,994,637.49
Purchase bars (fine)	501,382.06
Coin bars	2,180,580.61
Unrefined	1,232,266.93
Total	5,908,867.09

<u>Nickel</u>	Troy ozs.
Copper	670,884.54
Nickel	223,628.18
Uncurrent coin	2,245.98
Mutilated coin	97.42
Scrap	17,780.95
Total	914,637.07

<u>Bronze</u>	
Copper	393,497.13
Tin	8,632.11
Zinc	27,315.97
Clippings	8,581.20
Scrap	3,191.72
Total	441,218.13

Respectfully,

Supt. M. & R. Dept.

M. & R. Dept.

October 3, 1933.

Billions and Metals on hand at close of business, September 30, 1933.

Gold

Fine ozs.

Uncurrent coin	2,729.471
Standard & coin bars	121,895.054
Mint fine bars	18,118.137
Unrefined	2,236,565.494
Total	2,379,308.156

Silver

Coin bars	2,180,580.61
Mint fine bars	2,059,644.91
Purchase bars (fine)	501,382.06
Unrefined	1,177,589.49
Total	5,919,197.07

Nickel

Troy ozs.

Copper	670,884.54
Nickel	223,628.18
Uncurrent coin	2,245.98
Mutilated "	97.42
Scrap	17,780.95
Total	914,637.07

Bronze

Copper	387,417.13
Tin	8,536.11
Zinc	27,091.97
Clips	5,405.60
Mutilated coin	25.52
Scrap	3,669.72
Total	432,146.25

Respectfully,

E. J. Wagner
Supt. M. & R. Dept.

October 12, 1933.

M. & R. Dept.Salaries, Wages, and Stores, Fiscal Year, 1933

Salaries			\$8,891.51	
Wages				
	M. & R. Dept	\$21,506.54		
	General "	2,749.20	24,255.74	\$33,147.25
Divided as follows:				
	Refinery	25,191.99		
	Ingot room	7,955.26		
			33,147.25	
Stores, power, etc.:				
	Refinery	7,448.01		
	Ingot room	1,380.59		8,848.60
	TOTAL			\$41,995.85

Refinery

Regular operations:	Labor	\$24,904.99	
	Stores	7,438.01	\$32,343.00
Recovery By-products:	Labor	287.00	
	Stores	30.00	317.00
			32,660.00

Ingot Room

	Labor	Stores	
Quarters	\$242.70	\$42.15	
Cante	4,921.43	854.77	
Merch. Bars G	6.50	.50	
S	7.00	.75	
Unc. Coin	2,777.60	482.42	
	7,955.26	1,380.59	9,335.85
	TOTAL		\$41,995.85

Respectfully,



Supt. M. & R. Dept.

A. & R. Dept.

November 2, 1933.

Bullion and Metals on hand at close of business, October 31, 1933.

Gold

Fine ozs.

Standard & Coin bars	119,093.522
Mint fine bars	18,039.424
Unrefined	<u>2,244,295.667</u>
Total	<u>2,381,428.613</u>

Silver

Coin bars	2,180,580.61
Mint fine bars	2,101,536.11
Purchase bars (fine)	501,382.06
Unrefined	<u>1,151,082.70</u>
Total	<u>5,934,581.48</u>

Nickel

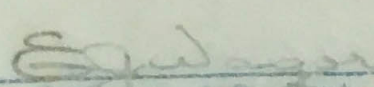
Troy ozs.

Copper	670,884.54
Nickel	223,628.18
Uncurrent coin	2,245.98
Mutilated "	97.42
Scrap	<u>17,780.95</u>
Total	<u>914,637.07</u>

Bronze

Copper	363,287.13
Tin	66,736.36
Zinc	26,202.97
Ingot	3,386.30
Clippings	3,548.90
Mutilated coin	25.52
Scrap	<u>4,932.32</u>
Total	<u>468,179.50</u>

Respectfully,


 E. J. Wagner
 Asst. A. & R. Dept.

M. & R. Dept.

December 4, 1933.

Bullion and Metals on hand at close of business, November 30, 1933.

Gold

Standard & Coin bars	111,673.777
Mint fine bars.	35,854.491
Unrefined	<u>2,286,047.493</u>
Total	<u>2,433,575.761</u>

Fine ozs.

Silver

Coin bars	2,180,580.61
Mint fine bars	2,166,511.84
Purchase bars (fine)	501,382.06
Unrefined	<u>1,104,634.67</u>
Total	<u>5,953,109.18</u>

Troy ozs.

Nickel

Copper	670,884.54
Nickel	223,628.18
Uncurrent coin	2,245.98
Mutilated "	125.42
Scrap	<u>17,780.95</u>
Total	<u>914,665.07</u>

Bronze

Copper	323,577.13
Tin	66,109.36
Zinc	24,739.97
Clips	1,650.70
Scrap	<u>4,298.45</u>
Total	<u>420,375.61</u>

Respectfully,


 Supt. M. & R. Dept.

January 3, 1934.

M. & R. Dept.

Bullion and Metals on hand at close of business, December 31, 1933.

		Fine ozs..
<u>Gold</u>		
	Standard & Coin bars	105,381.346
	Mint fine bars	26,781.749
	Light weight coin	10,185.328
	Unrefined	<u>2,361,760.453</u>
	Total	<u>2,504,108.876</u>
<u>Silver</u>		
	Coin bars	2,180,580.61
	Mint fine bars	2,203,700.72
	Purchase bars (fine)	501,382.06
	Clippings, etc.	1,639.93
	Unrefined	<u>1,086,262.64</u>
	Total	<u>5,973,615.96</u>
		Troy ozs.
<u>Nickel</u>		
	Copper	670,884.54
	Nickel	223,628.18
	Uncurrent coin	2,245.98
	Mutilated "	125.42
	Scrap	<u>17,780.95</u>
	Total	<u>914,665.07</u>
<u>Bronze</u>		
	Copper	314,837.13
	Tin	65,971.36
	Zinc	24,417.97
	Ingots	2,412.60
	Clippings, etc.	2,136.90
	Scrap	<u>3,063.35</u>
	Total	<u>412,839.31</u>

Respectfully,



Supt. M. & R. Dept.

